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PILOT PLANT INVESTIGATION OF PYRITE RECOVERY

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and L.J. Surges

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New Brunswick
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Development
Agreement

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PILOT PLANT INVESTIGATION OF PYRITE RECOVERY

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Abstract

The Brunswick No. 12 ore is a complex sulphide containing 56% pyrite, most of which is rejected to tailings. The reactive acid-generating sulphide tailings result in high costs for current water treatment and will also necessitate substantial expenditures for future reclamation or water treatment. The objective of this project was to produce a marketable pyrite concentrate in order to diversify revenue and reduce costs for reclamation and water treatment.

Previous bench scale tests showed that pyrite concentrate grades of 46.6-51.2% sulphur could be obtained by froth flotation from classified mill tailings. A pilot plant investigation was performed to confirm the technical feasibility of pyrite production. Plant tailings streams were classified by a hydrocyclone and the underflow was concentrated by continuous froth flotation. Economic considerations dictated an emphasis on concentrate quality at the expense of pyrite recovery.

A pyrite concentrate grading 42.0% Fe, 49.5% S, 1.4% Pb and 3.4% Zn was produced by flotation from classified plant tailings. The performance of the hydrocyclone was not optimized. Extensive cyclone sampling was performed using 6 inch and 4 inch diameter hydrocyclones with various apex and vortex finder diameters classifying plant tailings and zinc scavenger tailings at various feed densities and pressures. The hydrocyclone efficiency curves for the sulphide minerals demonstrated an unusual shape due to the influence of coarse composite particles of lower density. Further work will be conducted to develop an appropriate model to fit hydrocyclone data in order to optimize the classification process.

1.0 INTRODUCTION

1.1 Objective

The aim of this project was to investigate the technical feasibility of producing a marketable pyrite concentrate at the pilot scale.

1.2 Scope

This project includes pilot plant investigation of pyrite classification and flotation and excludes laboratory studies on the same subject. Results from a demonstration circuit are also presented.

1.3 Review

Brunswick Mining and Smelting Corporation Limited (BMS) processes 10,250 tonnes per day of a complex lead, zinc, copper, silver sulphide ore, producing lead, zinc, copper and bulk lead-zinc concentrates by selective flotation. The values are very finely disseminated in a pyrite matrix and fine grinding is required to obtain liberation of the valuable minerals. The mill flowsheet is conventional with secondary and tertiary crushing, rod and ball milling, selective flotation, and dewatering by thickening, filtering and drying (Figure 1). The complexity of the flowsheet arises from the fine-grained and complex nature of the ore and the requirement to produce four concentrates.

The mill feed contains approximately 56% pyrite which is rejected to tailings. After the recovery of metal values in concentrates, the pyrite content of the tailings is enriched to over 60%. The pyrite creates problems not only in the mill process but also in the disposal of tailings. The pyrite generates sulphuric acid through two principal mechanisms. Acid is produced by the oxidation of metastable thiosalt species generated within the mill process and by the hydrobiochemical oxidation of tailings. The generation of acid is accompanied by the dissolution of metals, particularly iron and zinc. The mine-mill complex is located in a net precipitation region. A substantial portion of the tailings decant water is recycled to the process to reduce the consumption of fresh water, however the extensive use of recycle water may impact on process selectivity. The balance of the tailings decant water must be treated prior to discharge. Water treatment costs constitute a very significant operating expense at present and may continue after the ore body has been depleted. The reclamation of reactive acid-generating sulphide tailings is a current research topic. Future costs for reclamation are uncertain but will undoubtedly be substantial due to the nature of the tailings and the size of the tailings area. Process impacts and environmental costs would be substantially reduced if the pyrite content of the tailings could be reduced by concentrating pyrite in a marketable product.

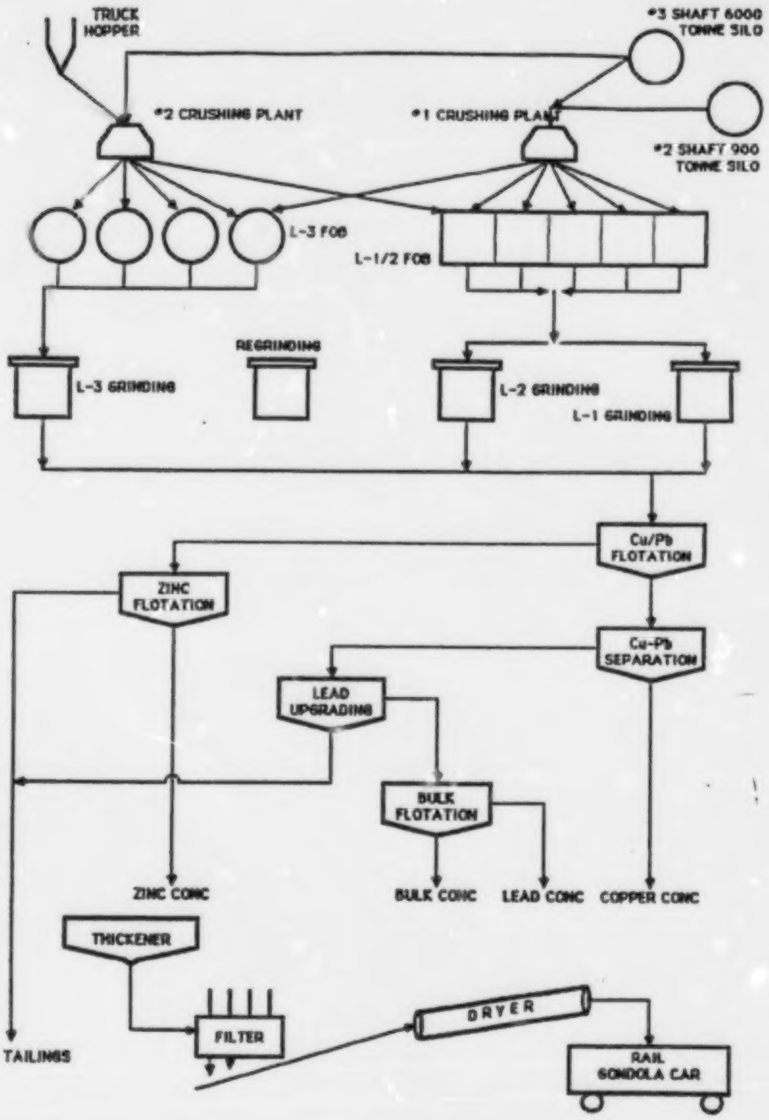

TRUCK HOPPER
#3 SHAFT 6000 TONNE SILO
#2 CRUSHING PLANT
#1 CRUSHING PLANT
#2 SHAFT 900 TONNE SILO
L-3 FOB
L-1/2 FOB
REGRINDING
L-3 GRINDING
L-2 GRINDING
L-1 GRINDING
Cu/Pb FLOTATION
ZINC FLOTATION
Cu-Pb SEPARATION
LEAD UPGRADING
BULK FLOTATION
ZINC CONC
BULK CONC
LEAD CONC
COPPER CONC
THICKENER
FILTER
DRYER
TAILINGS
RAIL GONDOLA CAR

Figure 1: Brunswick Mining and Smelting Concentrator Flow Sheet

A laboratory investigation of pyrite recovery was originally envisioned, however development was accelerated to the pilot scale as a result of promising preliminary laboratory test results and a requirement to produce a bulk sample of pyrite concentrate to support chemical process development by potential customers. The preliminary laboratory investigation is beyond the scope of this project, however the results are summarized below and are detailed in Appendix A.

Grinding circuit products were briefly considered for use in pyrite flotation. Removal of fast floating pyrite prior to bulk copper-lead flotation is conceptually attractive, but available data indicated that losses of copper, lead and silver would probably be excessive. The investigation therefore focussed on the recovery of pyrite from plant tailings streams.

Flotation from plant tails at natural pH resulted in poor pyrite recovery (38% sulphur at 16% sulphur recovery). Plant tails contain uncollected values from the zinc cleaner circuits in the finer fractions. Zinc floated readily from unclassified tailings, resulting in a 7.5% zinc grade in the pyrite concentrate at 50% recovery of zinc. It was therefore decided to use classified coarse material in order to minimize the effect of fines.

Prior to the installation of a cyclone in the plant, a +400 mesh sample was produced by wet sieving of plant tailings. The coarse product was than floated using plant xanthate (80:20 sodium isopropyl xanthate (SIX): potassium amyl xanthate (PAX)). Results indicated that preconcentration by size classification aided flotation with composite concentrate grades in excess of 49% sulphur being produced. Relatively high xanthate addition levels were required to float the pyrite. At 200 g/tonne (0.40 lb/ton) xanthate, 48% of the sulphur was recovered while 310 g/tonne (0.62 lb/ton) xanthate produced a higher recovery of 69% with a negligible change in sulphur grade. Again the zinc responded to flotation, which indicated that a zinc prefloat could yield recoverable zinc values.

Since the wet screening of tails samples was tediously done by hand for bench work, a Krebs D-6-B hydrocyclone was installed on the plant tails pump discharge line so that sized samples could be collected more easily. This 6" diameter cyclone contained an 1.25" diameter ceramic vortex finder and a 1.25" diameter ceramic apex. The cyclone feed sample cutter was installed in a spare on-stream port in the pipe line. The cyclone inlet pressure was adjusted using a pinch valve. The underflow density using the 1.25" apex was low (25% solids) with some visible fines but very few large pyrite grains. Several inserts were improvised to reduce the apex diameter. Sulphur and combined lead and zinc assays for the 1.25", 0.75", and 0.375" apex sizes are given in Table 1. The 0.5" apex and feed pressure of 20 psi was selected for the remainder of the test work, since these conditions provided a steady underflow containing visible pyrite with about a 3% increase in sulphur over the feed stream. Combined lead and zinc assays were lowest and sulphur content highest at the 0.375", 20 psi setting which led to the belief that smaller diameter cyclones in this application with a finer split could substantially enhance pyrite recovery. These conditions were not selected, however because the operation of the 6" diameter cyclone was unsteady with apex blockage occuring on a regular basis.

Table 1
Assays for Krebs D-6-B Cyclone with 1.25" VF and Modified Apex

		Cyclone Underflow		
Apex dia. (in.)	Feed %S	15 psi %S	20 psi %S	25 psi %S
0.75	29.7	32.0	31.6	32.0
0.5	32.0	35.8	34.9	33.4
0.375	30.4	38.2	38.6	35.1
	%Pb+Zn	%Pb+Zn	%Pb+Zn	%Pb+Zn
0.75	2.54	2.34	2.4	2.52
0.5	3.28	3.32	3.46	3.28
0.375	3.14	3.20	3.00	3.16

Three bench flotation tests were performed using underflow from the 1.25" apex which showed that the larger apex size was inappropriate. The best results indicated a 47.7% sulphur concentrate at 64% recovery using 350 g/tonne (0.7 lb/ton) potassium amyl xanthate.

Rougher flotation of underflow using PAX in stages to a total of 225 g/tonne (0.45 lb/ton) to 295 g/tonne (0.59 lb/ton) were the most successful of any bench tests in terms of sulphur grade. Grades and recoveries at the lower addition rates (test 9) were 51.2% sulphur at 54% recovery while higher additions increased recovery to over 90% but reduced grade to between 45 and 48% sulphur.

Addition in alternate stages was examined with increased dosages of PAX in the first half minute. Pyrite recovery was accelerated with little effect on grade.

Cleaner tests were performed using a combined pyrite rougher concentrate which was then floated in stages. In one test, the cleaner grade was 48.4% sulphur from a rougher concentrate of 47.4% at a 55% cleaner circuit recovery. The other test was better with an increase of 3.5% on grade at a 62% circuit recovery. Only methyl isobutyl carbinol (MIBC) was used to assist flotation but the pilot plant circuit required collector to recover the pyrite values.

The remaining twelve tests were concerned with a sulphide prefloat to remove liberated lead and zinc sulphides. No significant improvement was observed in the selective flotation of other sulphides and preflotation of lead and zinc sulphides was not attempted at the pilot scale.

2.0 EXPERIMENTAL METHOD

The pilot plant investigation of pyrite recovery from plant tailings was concerned primarily with the recovery of pyrite from the combined plant tailings. Limited sampling was also performed using a 4" diameter cyclone to classify zinc scavenger tailings in order to collect data for cyclone modelling. The zinc scavenger tailings is a major component of plant tailings, consisting of relatively coarse pyrite and non-sulphide mineral grains with low levels of other sulphide minerals.

2.1 Pilot Plant Flotation

BMS has a 5.4 tonne per day mineral processing pilot plant equipped with small scale continuous grinding and flotation equipment. The source of feed for the pilot plant was the 6" cyclone underflow classifying combined plant tailings. The cyclone underflow was repulped and pumped to the pilot plant where it was agitated in a constant head tank to provide a steady flow to the pyrite rougher flotation cells. The pilot plant circuit is shown graphically in Figure 2. Four rougher cells and two cleaner cells were used to produce the samples.

The first pilot plant tests used SIX as a collector since it was felt that it would be a more selective reagent for pyrite. Bench scale results proved that there was no difference in the grades of recovered lead and zinc as PAX accelerated the recovery of lead and zinc sulphides as well as pyrite. The rougher flotation of repulped cyclone underflow using tailings recycle water reduced the pH into the range of 8.0 to 8.5 which helped to promote the flotation of pyrite. The rougher concentrate was cleaned in open circuit. Three open circuit cleaning tests were recorded with SIX. Unadjusted assays are presented in Appendix B.

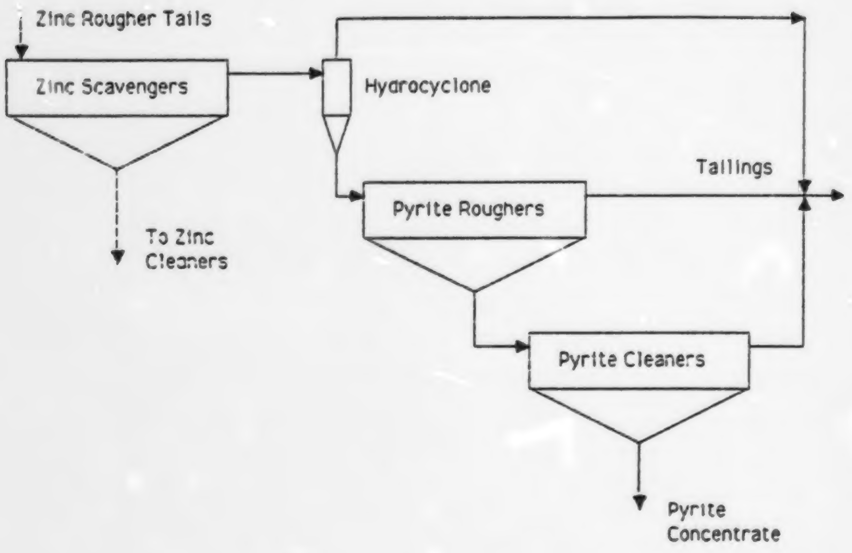

Zinc Rougher Tails
Zinc Scavengers
Hydrocyclone
Tailings
Pyrite Roughers
To Zinc Cleaners
Pyrite Cleaners
Pyrite Concentrate

Figure 2: Pilot Plant Flowsheet

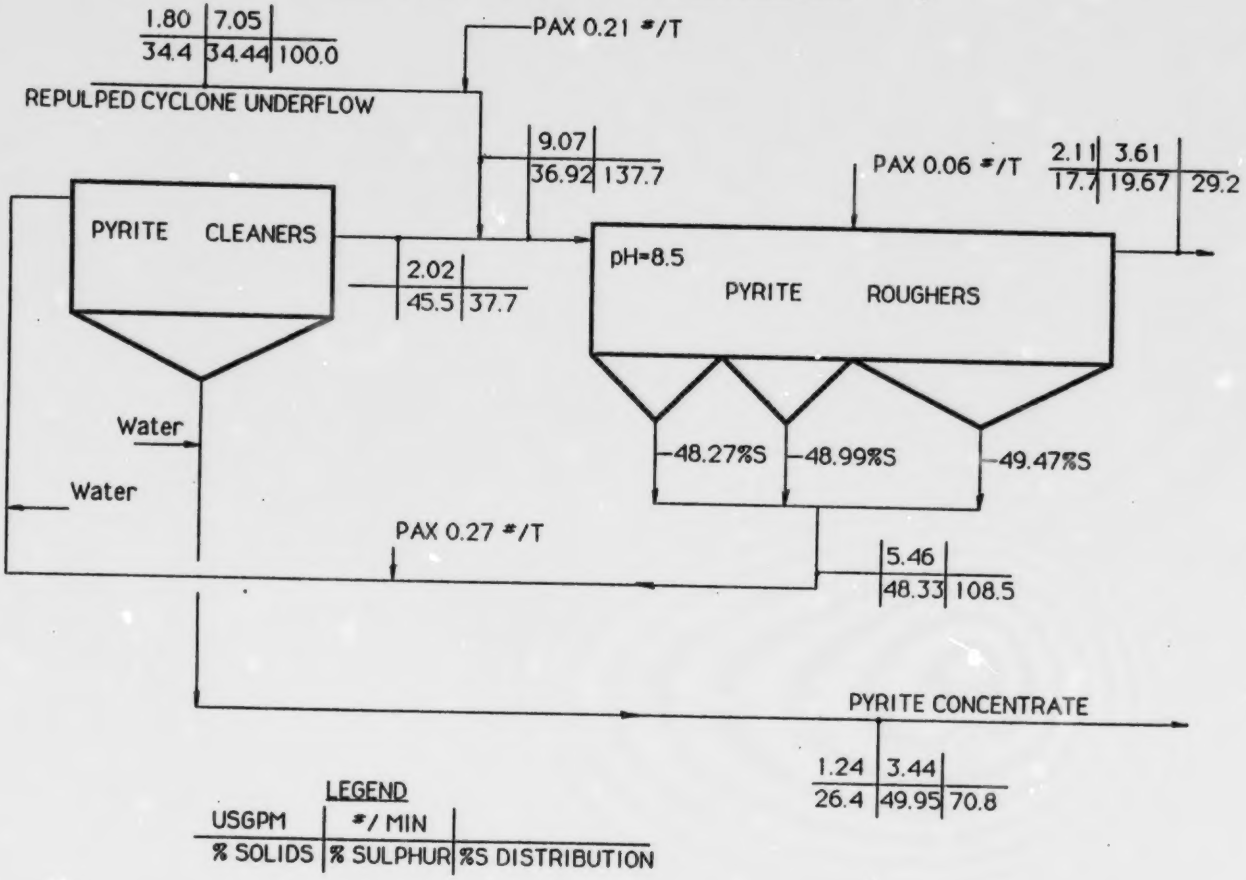
The cleaner tail sulphur assay was similar to the cleaner feed (rougher concentrate) so closed circuit cleaning was worthy of evaluation. Two closed circuit tests were completed with SIX but the cleaners were visibly undercollected. The collector was changed to PAX but the cleaner flotation was still too slow. The circuit was changed so that froth paddles could be used on the cleaner cell and collector was added to the rougher concentrate (cleaner feed). A complete circuit balance was calculated for the pilot circuit with the best physical appearance (Figure 3) and a 1200 pound sample was produced to support chemical process development. Sample specifications are detailed by Table 2.

Table 2
Pyrite Concentrate Product Specifications

LOT	%Moisture	%S	%Fe	%Pb	%Zn	%Cu	%As	%Sb	%Cd
A	7.2	49.88	42.28	1.36	3.07	0.20	0.36	0.05	0.003
B	9.3	49.48	42.40	1.28	3.53	0.19	0.37	0.05	0.004
C	9.1	49.07	41.76	1.49	3.62	0.20	0.37	0.05	0.004

FIGURE 3: BRUNSWICK MINING AND SMELTING (MINING DIVISION)
PILOT PLANT PRODUCTION OF PYRITE CONCENTRATE

Test date: 15Dec86


1.80 | 7.05
34.4 | 34.44 | 100.0
REPULPED CYCLONE UNDERFLOW
PAX 0.21 #/T
9.07
36.92 | 137.7
PYRITE CLEANERS
2.02
45.5 | 37.7
PAX 0.06 #/T
2.11 | 3.61
17.7 | 19.67 | 29.2
pH=8.5
PYRITE ROUGHERS
48.27%S
48.99%S
49.47%S
Water
Water
PAX 0.27 #/T
5.46
48.33 | 108.5
PYRITE CONCENTRATE
1.24 | 3.44
26.4 | 49.95 | 70.8
LEGEND
USGPM | #/MIN
% SOLIDS | % SULPHUR | %S DISTRIBUTION

1. SOLIDS S.G. ASSUMED TO BE 4.5
2. REAGENT ADDITIONS REFER TO TONS FRESH FEED

23Dec86 ds

2.2 Cyclone Sampling

The cyclone feed, overflow and underflow were sampled at various inlet pressures with varying apex and vortex finder diameters in order to optimize the classification process.

Each product was screened in the range of +100 to +400 mesh on Tyler screens with the -400 material cyclosized into 5 cones. Nominal split sizes for each cyclosizer cone and calculated split sizes for various minerals are given in Table 3.

Each fraction was assayed for lead, zinc, iron and sulphur. Samples from selected tests were also assayed for copper and silver. Sulphur assays were determined using a Leco induction furnace while the other elements were assayed using atomic absorbtion spectrophotometry (A.A.). A mass balance was then calculated for each stream utilizing the masses and assays for all fractions. The calculated heads were then compared to the assayed heads.

Table 3
Typical Limiting Particle Separation Size for Cyclosizer Cones

	Particle Size (microns)						
Cone	Unadjusted	Ore	Galena	Marmatite	Pyrite	Non.Sulph	Sulph
1	41.0	27.4	20.6	30.6	26.5	41.3	26.5
2	30.4	20.7	15.6	23.2	20.1	31.3	20.1
3	22.2	16.2	11.3	16.7	14.5	22.5	14.5
4	15.7	12.1	8.1	12.1	10.4	16.3	10.4
5	12.3	9.7	6.3	9.3	8.0	12.5	8.0
Specific Gravity		4.5	7.5	4.1	5.1	3.1	5.1

The test conditions for the 6" diameter cyclone are listed in Table 4. Inlet pressures of 10, 15, 20, and 25 psi were applied to combinations of apex sizes 0.375", 0.4375", 0.5", 0.75", 0.875", and 1.25" with vortex finders of 1.25" and 0.875". Two sets of samples were collected for each condition . Samples were screened, cyclosized and assayed.

The testing conditions for the 4" diameter cyclone are listed in Table 5. Inlet pressures of 10, 15, 20, and 25 psi were applied to combinations of apex sizes 0.4375", and 0.75", with a vortex finder of 0.938". Two sets of samples were again collected for each set of conditions. Samples were screened, cyclosized and assayed.

A submersible pump was installed in the tail box of a zinc scavenger flotation bank. The pump fed slurry to the 4" cyclone where the overflow and underflow were sampled. The feed sample was taken from the preceding flotation cell using an in-pulp (PD type) sampler. The testing conditions are listed in Table 6. Inlet pressures of 20 to 25 psi were sustained owing to the limitations of the fixed speed slurry pump. Apex sizes of 0.4375", 0.75" with a vortex finder of 0.938" were sampled.

2.3 Material Balance

The data processing consisted of five steps: mass balancing of data collected during the cyclone pilot tests; calculation of mineral assays and hydrocyclone partition curves, and modelling the partition curves and the hydrocyclone operation.

Mass Balancing

Estimation of the ore flowrates in the streams of the hydrocyclone was done using a mass balance procedure. Methods for balancing the data collected on a mineral processing unit range from the simple N-products formula (Wiegel, 1972) to hierarchical algorithms, such as BILMAT (Hodouin et al., 1980 and 1985), used in this study. In addition to estimating the ore flowrates, the algorithm adjusts the measurements so that all conservation equations are satisfied. The data adjustment should minimize:

$$J = J_F + J_O + J_U$$

with

$$J_k = \frac{(w_k - \hat{w}_k)^2}{V_{wk}} + \frac{(s_k - \hat{s}_k)^2}{V_{sk}} + \sum_{i=1}^{N_e} \frac{(x_{ik} - \hat{x}_{ik})^2}{V_{xik}} + \sum_{i=1}^{N_g} \frac{(y_{ik} - \hat{y}_{ik})^2}{V_{yik}}$$

$$+ \sum_{j=1}^{N_g} \sum_{i=1}^{N_e} \frac{(z_{ijk} - \hat{z}_{ijk})^2}{V_{zijk}} \qquad (1)$$

Table 4
Cyclone Test Conditions - 6" Cyclone on Plant Tailings

					Cyclone Test Conditions					
Lab No.	Date	Time	Test No	Cyclone	Stream	Apex dia.	V.F. dia	Inlet psi	% Solids	Flowrate
4427	09 Jan 87		6043-35	6	Feed	1.25	1.25	10	27.7	
4439			36	6	O/F	1.25	1.25	10	15.5	
4448			37	6	U/F	1.25	1.25	10	80.3	N/A
4493			38	6	O/F	1.25	1.25	15	21.5	
4502			39	6	U/F	1.25	1.25	15	80.8	N/A
4513			40	6	O/F	1.25	1.25	20	15.4	
4522			41	6	U/F	1.25	1.25	20	81.2	N/A
4459	12 Jan 87		42	6	Feed	1.25	1.25	10	24.8	
4471			43	6	O/F	1.25	1.25	10	18.3	
4481			44	6	U/F	1.25	1.25	10	79.3	N/A
4534			45	6	O/F	1.25	1.25	15	16.0	
4541			46	6	U/F	1.25	1.25	15	79.6	N/A
4553			47	6	O/F	1.25	1.25	20	15.9	
4559			48	6	U/F	1.25	1.25	20	79.7	N/A
4582	29 Jan 87	12:45	49	6	Feed	3/4	1.25	10	27.3	
4594			50	6	O/F	3/4	1.25	10	13.8	
4600			51	6	U/F	3/4	1.25	10	61.1	0.83
4612		1:30	52	6	Feed	3/4	1.25	10	27.2	
4624			53	6	O/F	3/4	1.25	10	14.8	
4630			54	6	U/F	3/4	1.25	10	62.0	0.83
4642	29 Jan 87	2:00	55	6	Feed	3/4	1.25	15	26.2	
4698			56	6	O/F	3/4	1.25	15	20.2	
4707			57	6	U/F	3/4	1.25	15	77.9	0.77
4719		2:20	58	6	Feed	3/4	1.25	15	27.0	
4738			59	6	O/F	3/4	1.25	15	19.9	
4747			60	6	U/F	3/4	1.25	15	79.4	0.77
4759	06 Feb 87	9:50	61	6	Feed	3/4	1.25	20	27.7	
4771			62	6	O/F	3/4	1.25	20	13.6	
4781			63	6	U/F	3/4	1.25	20	67.5	0.89
4793		10:15	64	6	Feed	3/4	1.25	20	27.8	
4805			65	6	O/F	3/4	1.25	20	14.2	
4813			66	6	U/F	3/4	1.25	20	69.3	0.89
4825	06 Feb 87	11:00	67	6	Feed	3/4	1.25	25	27.6	
4838			68	6	O/F	3/4	1.25	25	12.9	
4844			69	6	U/F	3/4	1.25	25	69.0	0.95
4856		11:20	70	6	O/F	3/4	1.25	25	25.9	
4862			71	6	Feed	3/4	1.25	25	12.7	
4880			72	6	U/F	3/4	1.25	25	67.3	0.95
4892	30 Jan 87	1:00	73	6	Feed	1/2	1.25	10	26.1	
4913			74	6	O/F	1/2	1.25	10	14.6	
4920			75	6	U/F	1/2	1.25	10	67.7	N/A
4940		1:25	76	6	Feed	1/2	1.25	10	25.8	
4952			77	6	O/F	1/2	1.25	10	15.0	
4958			78	6	U/F	1/2	1.25	10	69.2	N/A

Table 4 (cont'd)
Cyclone Test Conditions - 6" Cyclone on Plant Tailings

Lab No.	Date	Time	Test No	Cyclone	Stream	Apex dia.	V.F. dia	Inlet psi	% Solids	Flowrate
4970	02 Feb 87	9:30	79	6	Feed	1/2	1.25	15	26.0	
4982			80	6	O/F	1/2	1.25	15	21.5	
4992			81	6	U/F	1/2	1.25	15	79.6	0.30
5022		10:00	82	6	Feed	1/2	1.25	15	25.3	
5037			83	6	O/F	1/2	1.25	15	21.0	
5048			84	6	U/F	1/2	1.25	15	79.8	0.30
5060	06 Feb 87	1:15	85	6	Feed	1/2	1.25	20	27.8	
5126			86	6	O/F	1/2	1.25	20	19.1	
5135			87	6	U/F	1/2	1.25	20	80.5	0.40
5147		1:45	88	6	Feed	1/2	1.25	20	25.7	
5159			89	6	O/F	1/2	1.25	20	18.4	
5168			90	6	U/F	1/2	1.25	25	80.2	0.40
5180	06 Feb 87	2:20	91	6	Feed	1/2	1.25	25	25.1	
5192			92	5	O/F	1/2	1.25	25	17.5	
5202			93	6	U/F	1/2	1.25	25	80.4	0.47
5214		3:00	94	6	Feed	1/2	1.25	25	26.3	
5226			95	6	O/F	1/2	1.25	25	19.1	
5235			96	6	U/F	1/2	1.25	25	80.3	0.47
5247	02 Feb 87	10:50	97	6	Feed	0.375	1.25	10	26.2	
5259			98	6	O/F	0.375	1.25	10	22.8	
5271			99	6	U/F	0.375	1.25	10	80.2	0.17
5283		11:10	100	6	Feed	0.375	1.25	10	25.8	
5295			101	6	O/F	0.375	1.25	10	24.4	
5307			102	6	U/F	0.375	1.25	10	60.2	0.17
5359	02 Feb 87	1:15	103	6	Feed	0.375	1.25	15	27.7	
5371			104	6	O/F	0.375	1.25	15	21.9	
5382			105	6	U/F	0.375	1.25	15	80.2	0.29
5421		1:45	106	6	Feed	0.375	1.25	15	25.9	
5433			107	6	O/F	0.375	1.25	15	22.6	
5444			108	6	U/F	0.375	1.25	15	80.2	0.29
5456	11 Feb 87	8:20	109	6	Feed	0.375	1.25	20	29.0	
5468			110	6	O/f	0.375	1.25	20	24.4	
5479			111	6	U/F	0.375	1.25	20	82.1	0.31
5491		8:40	112	6	Feed	0.375	1.25	20	28.9	
5503			113	6	O/F	0.375	1.25	20	24.1	
5514			114	6	U/F	0.375	1.25	20	82.4	0.31
5526	23 Feb 87	8:15	115	6	Feed	0.375	1.25	25	28.8	
5538			116	6	O/F	0.375	1.25	25	23.2	
5549			117	6	U/F	0.375	1.25	25	80.7	0.39
5561		8:40	118	6	Feed	0.375	1.25	25	30.6	
5573			119	6	O/F	0.375	1.25	25	23.0	
5583			120	6	U/F	0.375	1.25	25	80.9	0.39

Table 4 (cont'd)
Cyclone Test Conditions - 6" Cyclone on Plant Tailings

Lab No.	Date	Time	Test No	Cyclone	Stream	Apex dia.	V.F. dia	Inlet psi	% Solids	Flowrate
5595	24 Apr 87	12:35	121	6	Feed	0.875	0.875	10	15.5	
5607			122	6	O/F	0.875	0.875	10	7.9	
5628			123	6	U/F	0.875	0.875	10	16.5	1.62
5640			124	6	Feed	0.875	0.875	15	23.1	
5825			125	6	O/F	0.875	0.875	15	10.9	
5833			126	6	U/F	0.875	0.875	15	24.3	2.85
5845			127	6	Feed	0.875	0.875	20	21.0	
5890			128	6	O/F	0.875	0.875	20	13.2	
5898			129	6	U/F	0.875	0.875	20	32.2	3.33
5910			130	6	Feed	0.875	0.875	25	22.7	
5922			131	6	O/F	0.875	0.875	25	13.3	
5930			132	6	U/F	0.875	0.875	25	34.0	4.17
5942	24Apr 87	2:30	133	6	Feed	0.875	0.875	10	46.2	
5954			134	6	O/f	0.875	0.875	10	23.9	
6036			135	6	U/F	0.875	0.875	10	60.6	2.50
6048			136	6	Feed	0.875	0.875	15	30.4	
6060			137	6	O/F	0.875	0.875	15	15.1	
6068			138	6	U/F	0.875	0.875	15	40.5	3.08
6080			139	6	Feed	0.875	0.875	20	31.2	
6092			140	6	O/F	0.875	0.875	20	11.3	
6102			141	6	U/F	0.875	0.875	20	30.4	3.45
6114			142	6	Feed	0.875	0.875	22	31.8	
6223			143	6	O/F	0.875	0.875	22	10.4	
6231			144	6	U/F	0.875	0.875	22	28.9	4.00
6243	28 Apr 87	8:00	145	6	Feed	0.4375	0.875	10	30.4	
6292			146	6	O/F	0.4375	0.875	10	15.2	
6654			147	6	U/F	0.4375	0.875	10	67.0	0.27
6666			148	6	Feed	0.4375	0.875	15	29.7	
6678			149	6	O/F	0.4375	0.875	15	13.0	
6733			150	6	U/F	0.4375	0.875	15	68.6	0.34
6745			151	6	Feed	0.4375	0.875	20	29.6	
6757			152	6	O/F	0.4375	0.875	20	13.0	
6799			153	6	U/F	0.4375	0.875	20	70.5	0.41
6811			154	6	Feed	0.4375	0.875	23	30.2	
6823			155	6	O/F	0.4375	0.875	23	14.4	
6928			156	6	U/F	0.4375	0.875	23	79.8	0.37
6940	28 Apr 87	10:00	157	6	Feed	0.4375	0.875	10	30.0	
6952			158	6	O/F	0.4375	0.875	10	13.7	
6960			159	6	U/F	0.4375	0.875	10	66.3	0.27
6972			160	6	Feed	0.4375	0.875	15	30.3	
6984			161	6	O/F	0.4375	0.875	15	13.8	
6994			162	6	U/F	0.4375	0.875	15	69.1	0.36
7006			163	6	Feed	0.4375	0.875	20	30.1	
7018			164	6	O/F	0.4375	0.875	20	13.1	
7027			165	6	U/F	0.4375	0.875	20	71.1	0.41
7039			166	6	Feed	0.4375	0.875	25	30.4	
7051			167	6	O/F	0.4375	0.875	25	13.6	
7059			168	6	U/F	0.4375	0.875	25	75.5	0.38

Table 5
Cyclone Test Conditions - 4" Cyclone on Plant Tailings

Lab No.	Date	Time	Test No	Cyclone	Stream	Apex dia.	V.F. dia	Inlet psi	% Solids	Flowrate
7071	05 May 87	9:30	169	4	Feed	0.4375	0.938	10	24.7	
7083			170	4	O/F	0.4375	0.938	10	13.8	
7126			171	4	U/F	0.4375	0.938	10	77.7	0.21
7152			172	4	Feed	0.4375	0.938	15	25.9	
7164			173	4	O/F	0.4375	0.938	15	17.9	
7174			174	4	U/F	0.4375	0.938	15	78.5	0.21
7220			175	4	Feed	0.4375	0.938	20	26.8	
7232			176	4	O/F	0.4375	0.938	20	18.1	
7242			177	4	U/F	0.4375	0.938	20	78.7	0.29
7186			178	4	Feed	0.4375	0.938	21	26.7	
7198			179	4	O/F	0.4375	0.938	21	18.8	
7208			180	4	U/F	0.4375	0.938	21	79.0	0.33
7086			181	4	Feed	0.4375	0.938	10	25.8	
7098			182	4	O/F	0.4375	0.938	10	19.2	
7109			183	4	U/F	0.4375	0.938	10	78.2	0.21
7254			184	4	Feed	0.4375	0.938	15	26.6	
7266			185	4	O/F	0.4375	0.938	15	19.1	
7284			186	4	U/F	0.4375	0.938	15	748.8	0.25
7296			187	4	Feed	0.4375	0.938	20	26.6	
7308			188	4	O/F	0.4375	0.938	20	16.8	
7334			189	4	U/F	0.4375	0.938	20	79.0	0.29
7346			190	4	Feed	0.4375	0.938	21	25.2	
7358			191	4	O/F	0.4375	0.938	21	16.3	
7402			192	4	U/F	0.4375	0.938	21	78.8	0.30
7414	06 May 87	9:30	193	4	Feed	0.75	0.938	10	30.7	
7426			194	4	O/F	0.75	0.938	10	12.7	
7435			195	4	U/F	0.75	0.938	10	61.4	0.53
7484			196	4	Feed	0.75	0.938	15	30.4	
7496			197	4	O/F	0.75	0.938	15	12.6	
7504			198	4	U/F	0.75	0.938	15	62.3	0.76
7516			199	4	Feed	0.75	0.938	20	30.5	
7528			200	4	O/F	0.75	0.938	20	12.7	
7536			201	4	U/F	0.75	0.938	20	63.5	0.87
7552			202	4	Feed	0.75	0.938	25	30.6	
7564			203	4	O/F	0.75	0.938	25	11.6	
7766			204	4	U/F	0.75	0.938	25	64.1	1.06
7814			205	4	Feed	0.75	0.938	10	30.5	
7826			206	4	O/F	0.75	0.938	10	13.9	
7835			207	4	U/F	0.75	0.938	10	60.1	0.66
7847			208	4	Feed	0.75	0.938	15	30.4	
7894			209	4	O/F	0.75	0.938	15	13.0	
7904			210	4	U/F	0.75	0.938	15	61.9	0.70
7916			211	4	Feed	0.75	0.938	20	30.3	
8142			212	4	O/F	0.75	0.938	20	11.8	
8050			213	4	U/F	0.75	0.938	20	63.4	0.99
8287			214	4	Feed	0.75	0.938	25	29.7	
8299			215	4	O/F	0.75	0.938	25	11.7	
8354			216	4	U/F	0.75	0.938	25	63.5	1.03

Table 6
Cyclone Test Conditions - 4" Cyclone on Zinc Scavenger Tailings

Lab No.	Date	Time	Test No	Cyclone	Stream	Apex dia.	V.F. dia	Inlet psi	% Solids	Flowrate
8862	04 Jun 87	10:35	221	4	O/F	0.75	0.938	25	20.1	
8900			222	4	Feed	0.75	0.938	25	41.7	
8912			223	4	U/F	0.75	0.938	25	70.7	0.95
8924		11:00	224	4	Feed	0.75	0.938	20	41.8	
8936			225	4	O/F	0.75	0.938	20	20.3	
8945			226	4	U/F	0.75	0.938	20	70.9	0.95
8957		11:30	227	4	Feed	0.75	0.938	25	41.7	
607			228	4	U/F	0.75	0.938	25	70.3	0.88
8750			229	4	O/F	0.75	0.938	25	20.5	
9367	08 Jun 87	10:20	230	4	U/F	0.4375	0.938	21	79.7	0.38
9379			231	4	O/F	0.4375	0.938	21	32.6	
9391			232	4	Feed	0.4375	0.938	21	40.9	
327		10:50	233	4	O/F	0.4375	0.938	21	31.3	
339			234	4	Feed	0.4375	0.938	21	39.7	
351			235	4	U/F	0.4375	0.938	21	80.2	0.38

under the conservation constraints:

$$\hat{w}_F - \hat{w}_O - \hat{w}_U = 0 \qquad \hat{w}_F/\hat{s}_F - \hat{w}_O/\hat{s}_O - \hat{w}_U/\hat{s}_U = 0$$

$$\hat{w}_F\hat{x}_{iF} - \hat{w}_O\hat{x}_{iO} - \hat{w}_U\hat{x}_{iU} = 0 \qquad \hat{w}_F\hat{y}_{jF}\hat{z}_{ijF} - \hat{w}_O\hat{y}_{jO}\hat{z}_{ijO} - \hat{w}_U\hat{y}_{jU}\hat{z}_{ijU} = 0$$

$$\hat{w}_F\hat{y}_{iF} - \hat{w}_O\hat{y}_{iO} - \hat{w}_U\hat{y}_{iU} = 0$$

where the variables are identified in Figure 4. The ^ indicates an adjusted value and V the variance of a measurement. Since a large variance characterizes a non-reproducible measurement and a small variance a reproducible measurement, the inverse of the variance in equation (1) acts as a weighting factor to allow greater adjustment on measurements of poorer quality than on reliable measurements. The estimation of the ore flowrates and the data adjustment requires the use of a non-linear optimization algorithm.

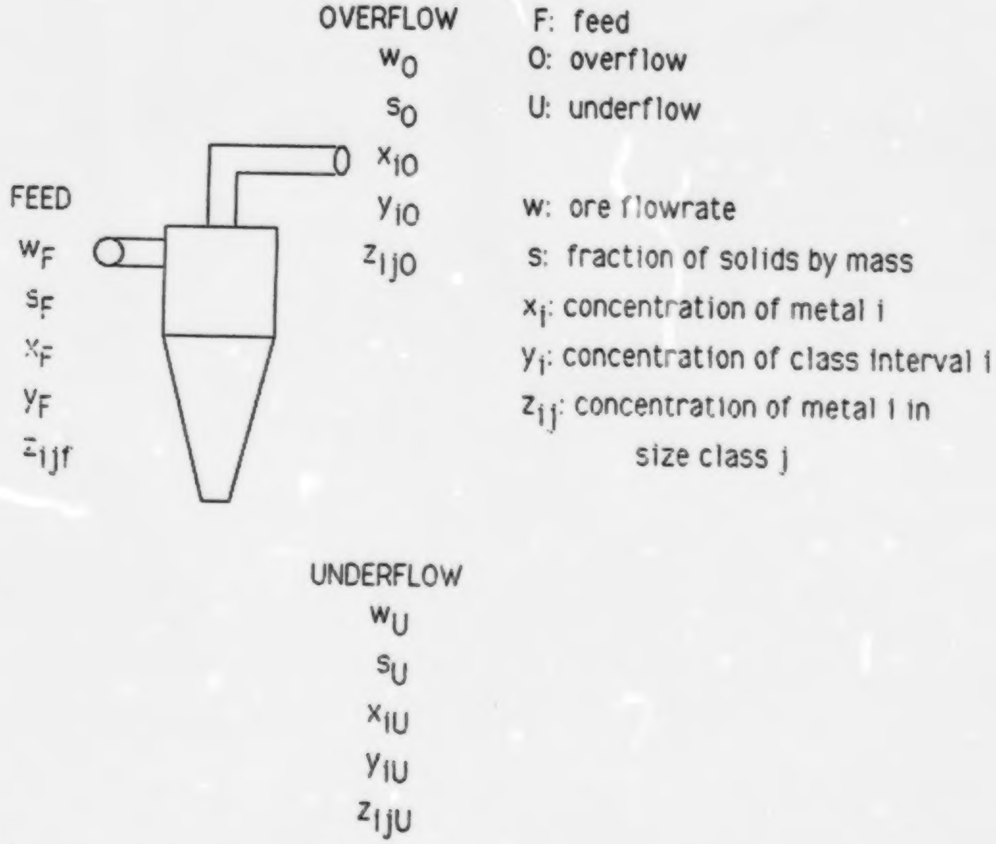

OVERFLOW
w_O
s_O
x_{iO}
y_{iO}
z_{ijO}
FEED
w_F
s_F
x_F
y_F
z_{ijf}
UNDERFLOW
w_U
s_U
x_{iU}
y_{iU}
z_{ijU}
F: feed
O: overflow
U: underflow
w: ore flowrate
s: fraction of solids by mass
x_i: concentration of metal i
y_i: concentration of class interval i
z_{ij}: concentration of metal i in size class j

Figure 4: Hydrocyclone Variables Used in Mass Balance Calculation

Appendix C gives the mass balance results for tests 82 to 117. The conservation of all variables is satisfied for the adjusted data while it is not for the measured ones. This is an advantage of using adjusted data. There are also several statistical advantages as demonstrated by Hodouin et al.(1984).

Mineral Assays

The estimation of the mineral assays from the element content is relatively straight forward using:

%Galena = %Pb / 0.866
%Marmatite = %Zn / 0.62
%Pyrite = (%S - 0.134(%Galena) - 0.32 (%Marmatite)) / 0.535
%Sulphide = %Galena + %Marmatite + %Pyrite
%Non-sulphide = MAX (0;100 - %Sulphide)

Table 7 gives the mineral compositions and their metal contents. Sulphur is preferred to iron for the calculation of the pyrite content, since iron is also present in the non-sulphide species, particularly chlorite (Petruk and Schnarr, 1981). The iron content in the non-sulphide minerals is calculated using:

%Fe in non-sulphide = %Fe - 0.465(%Pyrite) - 0.06(%Marmatite)

Appendix C gives the estimated mineral contents for tests 82 to 117.

Table 7
Mineral Composition and Metal Contents

Mineral	Composition	Metal Content (%)			
		Pb	Zn	Fe	S
Sulphide Species					
Galena	PbS	86.6	0	0	13.4
Marmatite	(Zn,Fe)S	0	62.0	6.0	32.0
Pyrite	FeS_2	0	0	46.5	53.5
Non-sulphide Species					
Silica	SiO_2				
Chlorite	Micaceous silicates that contain Al, Fe and Mg				

Partition Curves

The partition curve characterizes the operation of a classifier. For a hydrocyclone the partition coefficient is given by:

$$E_i = \frac{\hat{w}_U \hat{y}_{iU}}{w_F y_{iF}}$$

for size interval i and for mineral i in size interval j by:

$$E_{ij} = \sum_i \frac{\hat{M}_{ijU}}{\hat{M}_{ijF}}$$

where M is the mineral concentration. The partition curve of a classifier usually exhibits the "S" - shape shown in Figure 5. This type of curve is observed when the feed consists of particles of relatively constant density. For ore consisting of minerals of different densities, such as quartz (2.65 g/cm3) and galena (7.6 g/cm3), the partition curve may deviate from the common "S" - shape, as illustrated by Figure 6. However, the "S" - shape is still observed for the individual minerals.

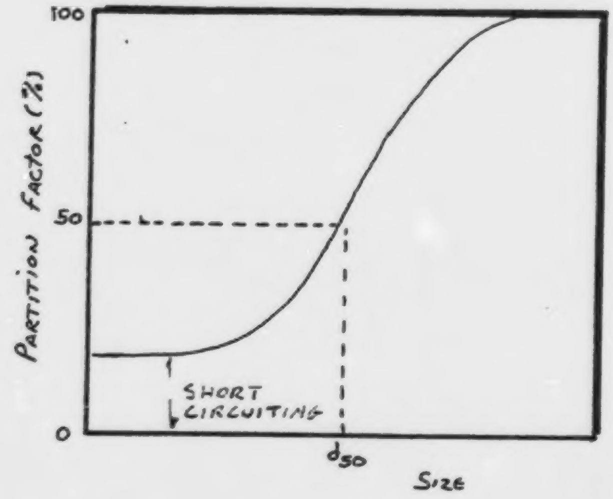


Figure 5: Usual "S" - shape for the Efficiency Curve of a Hydrocyclone

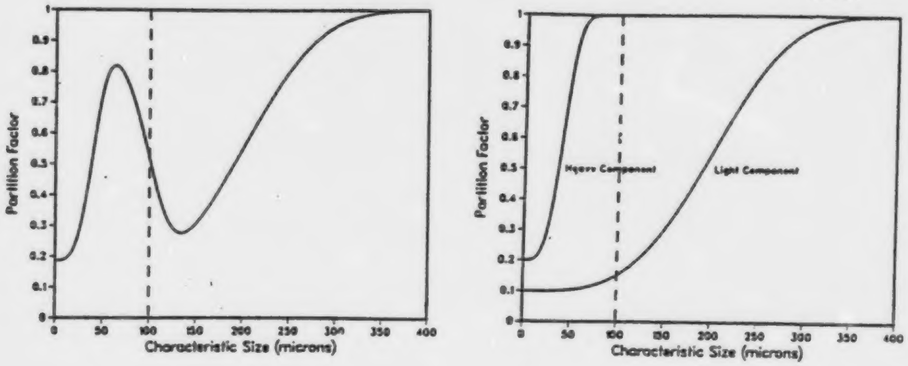


Figure 6: Origin of Peculiar Efficiency Curves (from Flintoff et al., 1987)

Figure 7 shows the partition curves calculated for tests 82 to 117. In each case the curve exhibits a strong deviation from the usual "S" - shape due to a plateau in the coarse particle size range. Decomposition into sulphides and non-sulphide minerals failed to produce the expected "S"-shaped curve. Further decomposition into the individual minerals (galena, marmatite and pyrite) also failed to provide any clear benefit as shown by Figure 8. This unusual behaviour is due to the presence of locked particles of sulphide and non-sulphide minerals of intermediate density. Such a deviation from the usual "S" - shaped curve has been previously observed for sulphide minerals (Laplante and Finch, 1984; Del Villar, 1985; Plitt and Flintoff, 1985) as shown in Figure 9, but the problem has never been investigated in detail. This problem must be resolved before the partition curves and hydrocyclone operation can be successfully modelled by conventional techniques.

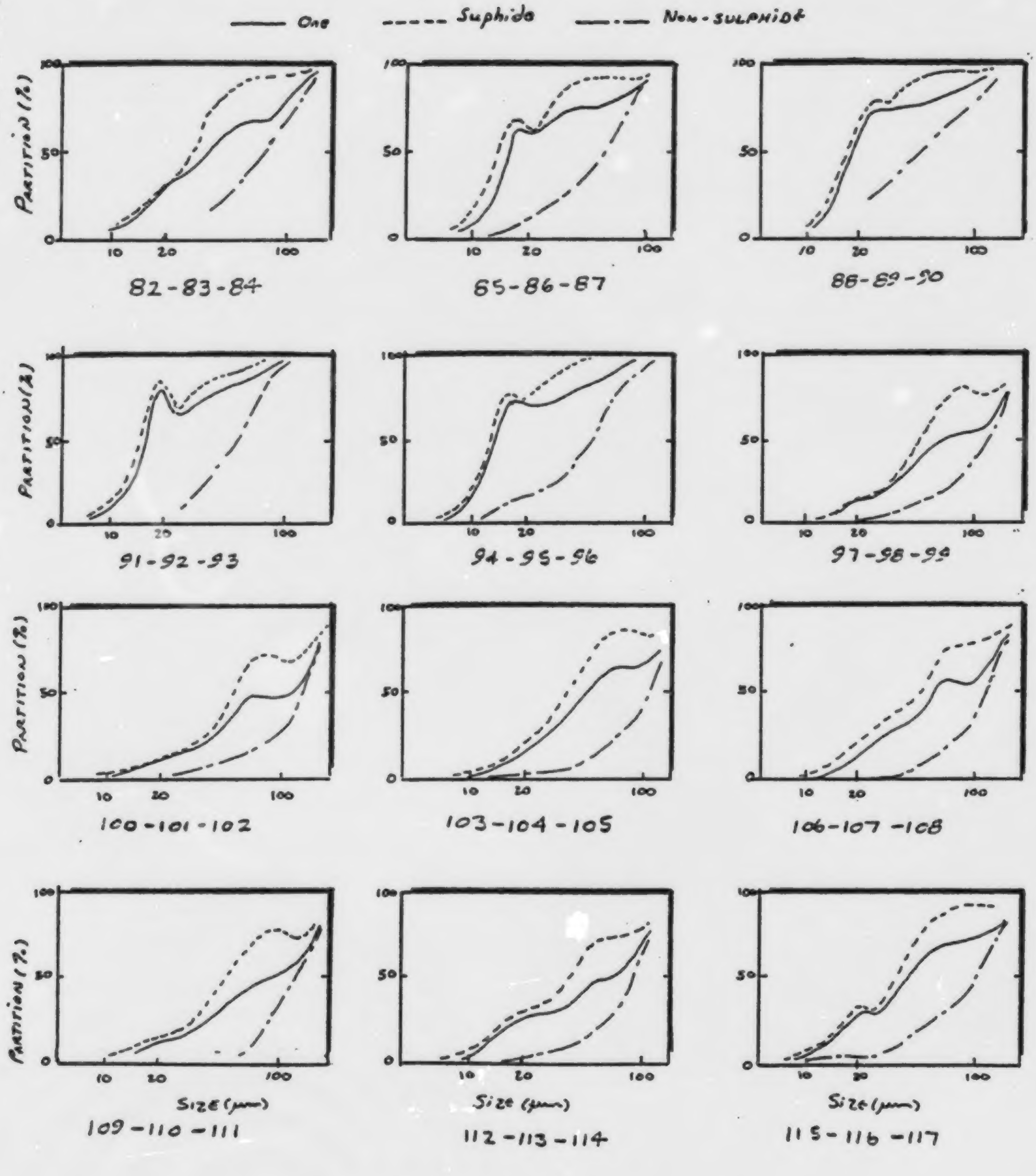


Figure 7: Hydrocyclone Partition Curves for Tests 82 to 117

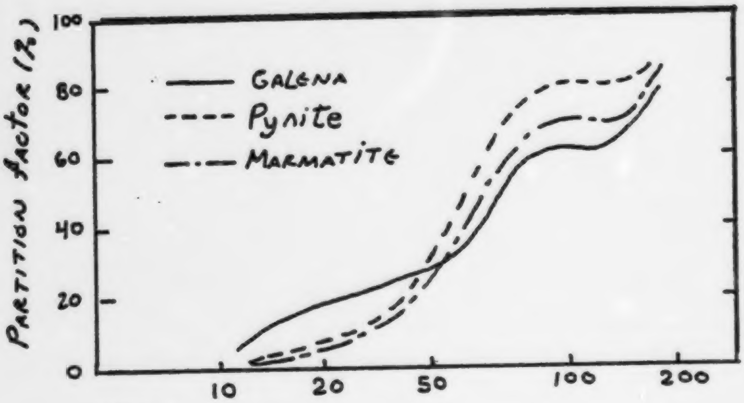


Figure 8: Observed Partition Curves for Galena, Pyrite and Marmatite (Test 100-102)

Modelling the Partition Curves

The current state of the art in the understanding of hydrocyclone operation is as described by Jull (1972):

"It is amazing that such a simple device could be in use for more than 20 [now 35!] years and retain as much mystery as it does".

To mathematically describe the operation of a hydrocyclone it is necessary to conduct a detailed analysis of the forces acting on particles within the classifier. Few authors have attempted to perform such an analysis (Lynch, 1977) and the results of their theoretical works are of limited applicability. A more popular approach to modelling of hydrocyclone operation is to model the partition curve. The empirical models proposed by Lynch and Rao (1975) and by Plitt (1976) are available for that purpose.

Plitt suggests modelling the partition curve using:

$$E_i = Rf + (1-Rf)E_i^c$$

$$E_i^c = 1-\exp(-0.693*(d_i/d50c)^m)$$

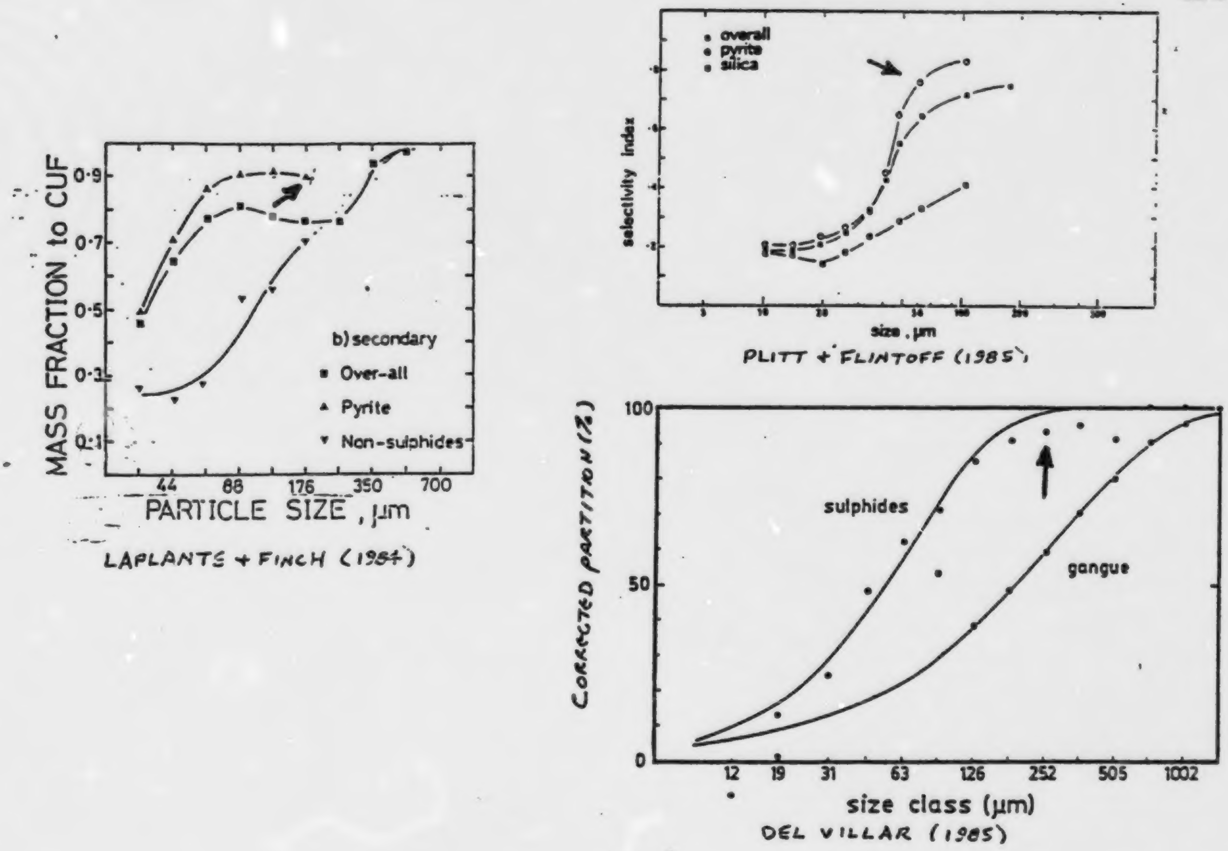
where m characterizes the sharpness of the separation, E^c is the modelled partition curve corrected for short-circuiting (see Figure 5), d_i the geometric mean particle size in class i, Rf the proportion of water in the feed that reports in the underflow or water split and d50c the corrected d50. The corrected d50 is the dimension at which 50% of the particles effectively submitted to classification in the hydrocyclone are sent to the underflow. It is usually assumed that the zero asymptote of the partition curve equals the water split (Rf).

Calibration of the model parameters on an actual partition curve is carried out using a non-linear optimization algorithm that estimates the d50c and m parameters that minimize the criterion:

$$J = \sum_i (Ei-\hat{E}i)^2 W(i)$$

where W(i) weights the partition values for each size class according to their accuracy.

Figure 10 gives the results of the calibration for tests 100 to 102. The results clearly show the inadequacy of the model to represent the unusual shape of the partition curve for sulphide minerals as the plateau observed in the coarse size is not reproduced. The model does adequately fit the non-sulphide partition curve. Because of this important discrepancy between the modelled and observed sulphide partition curves, it would be hazardous to pursue a detailed modelling investigation. It is therefore necessary to evaluate different alternatives to account for locked sulphide and non-sulphide particles before attempting to relate the model parameters to the operating conditions of the cyclone, a key step in the simulation of the classifier operation.



LAPLANTE + FINCH (1984)

PLITT + FLINTOFF (1985)

DEL VILLAR (1985)

Figure 9: Unusual Partition Curves

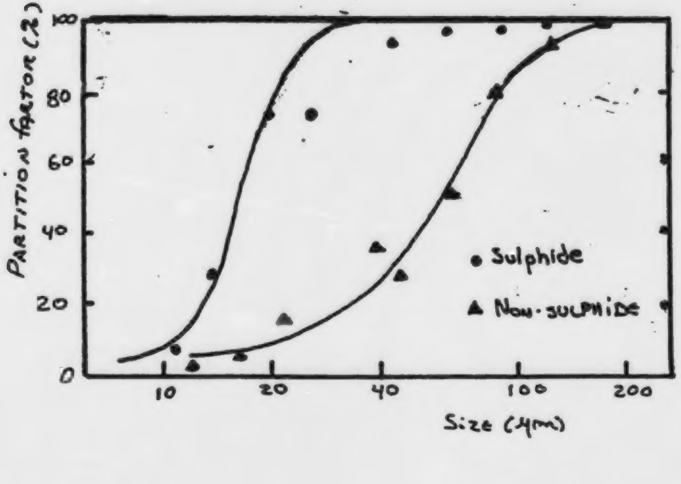


Figure 10: Modelled and Observed Efficiencies for Sulphide and Non-sulphide Minerals (100-101-102)

2.4 Cyclone Modelling

The model parameters (d50c, m and Rf) depend on hydrocyclone shape and size, apex and vortex finder diameters, inlet pressure and feed characteristics (per cent solids by volume, particle density, slurry viscosity). To simulate the operation of a hydrocyclone under various conditions it is necessary to establish those relationships. The SPOC project (Plitt and Flintoff, 1985) proposes several empirical relationships obtained from the analysis of a large amount of data published during the last 20 years.

In spite of the inadequacy of the model used to represent the partition curves, the estimated d50c, Rf and m parameters still appear to be related to operating variables. Figure 11 shows for instance the effect of inlet pressure and apex diameter on the corrected d50. These results are consistent with those of the SPOC project that predict a drop of d50c with increasing inlet pressure and/or apex diameter. These initial results confirm that the pilot tests provide the information necessary for the determination of the relationships between the model parameters (d50c, m and Rf) and the hydrocyclone operating variables, but the development of a model to properly represent the partition curve remains a prerequisite in order to quantify these relationships.

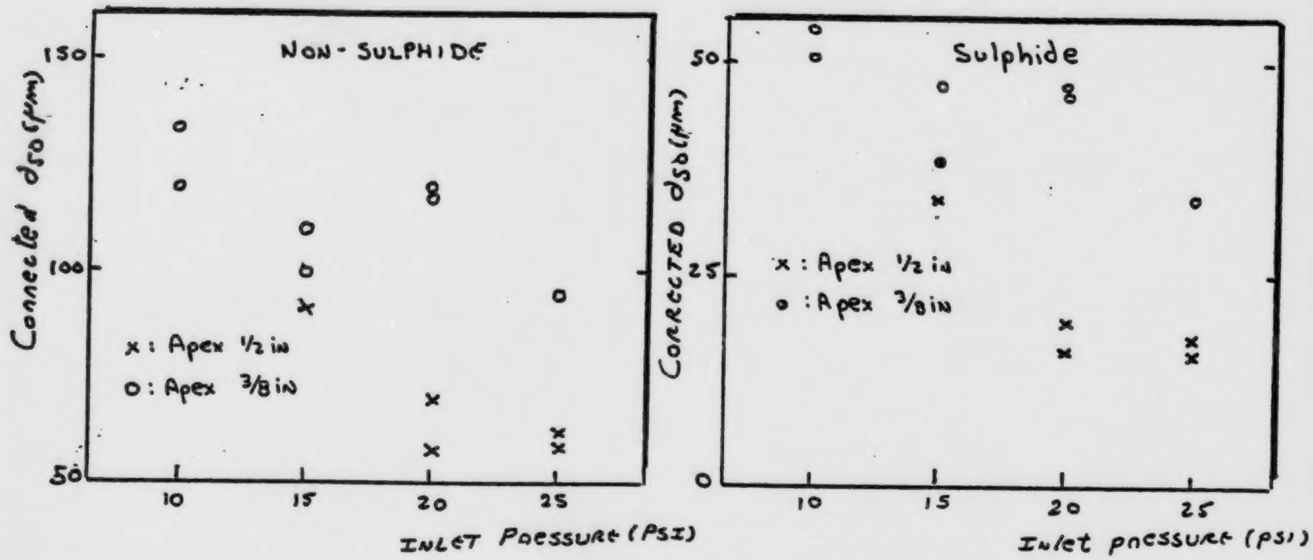


Figure 11: Effect of Inlet Pressure and Apex Diameter on Corrected d50

Subsequent work should aim to improve the modelling of the partition curves. Relationships could then be established between model parameters and operating conditions. Upon completion of the calibration stage alternative arrangements of hydrocyclones should be simulated and evaluated for the concentration of pyrite.

2.5 Demonstration Circuit

During the course of this project, a full scale pyrite recovery demonstration circuit was installed using existing equipment to provide larger quantities of concentrate for further chemical process development. The flowsheet is similar to the pilot plant circuit shown in Figure 2. The circuit design was based on the successful pilot plant runs which used cycloned tailings for rougher flotation followed by one stage of open circuit cleaning.

The demonstration circuit used zinc scavenger flotation tailings which were pumped into a 20" hydrocyclone. The cyclone underflow was floated and cleaned in two pairs of Sala cells. While the circuit was being optimized, the pyrite concentrate was returned to tailings. When the best conditions were found, small batches of concentrate were diverted into drums. A pump was also installed to deliver larger batches of concentrate to a thickener for dewatering by either a vacuum disc or pressure filter. Conventional kiln drying is impractical because of the low ignition temperature of pyrite (350°C).

Several sampling campaigns were conducted and a typical mass balance is detailed in Figure 12. Assays in the pyrite cleaner concentrate were in the 50% sulphur range with approximately 2% Pb+Zn as contaminants. The ease of startup confirmed the benefits of piloting the single stage cycloning and rougher/open circuit cleaner circuit.

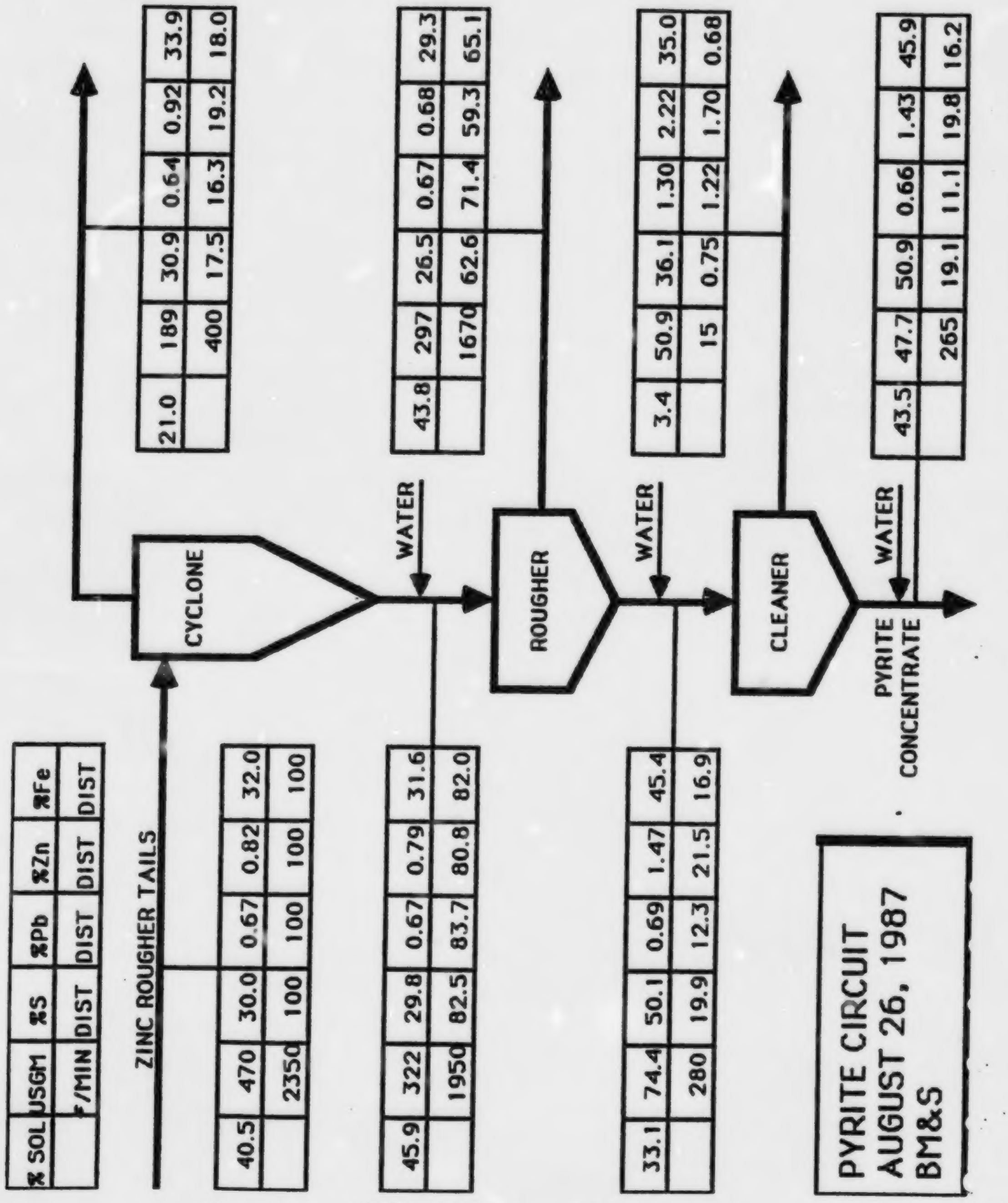

% SOL | USGM | %S | %Pb | %Zn | %Fe
#/MIN | DIST | DIST | DIST | DIST
ZINC ROUGHER TAILS
40.5 | 470 | 30.0 | 0.67 | 0.82 | 32.0
2350 | 100 | 100 | 100 | 100
CYCLONE
21.0 | 189 | 30.9 | 0.64 | 0.92 | 33.9
400 | 17.5 | 16.3 | 19.2 | 18.0
WATER
45.9 | 322 | 29.8 | 0.67 | 0.79 | 31.6
1950 | 82.5 | 83.7 | 80.8 | 82.0
ROUGHER
43.8 | 297 | 26.5 | 0.67 | 0.68 | 29.3
1670 | 62.6 | 71.4 | 59.3 | 65.1
WATER
33.1 | 74.4 | 50.1 | 0.69 | 1.47 | 45.4
280 | 19.9 | 12.3 | 21.5 | 16.9
CLEANER
3.4 | 50.9 | 36.1 | 1.30 | 2.22 | 35.0
15 | 0.75 | 1.22 | 1.70 | 0.68
WATER
43.5 | 47.7 | 50.9 | 0.66 | 1.43 | 45.9
265 | 19.1 | 11.1 | 19.8 | 16.2
PYRITE CONCENTRATE
PYRITE CIRCUIT
AUGUST 26, 1987
BM&S

Figure 12: Mass Balance for Pyrite Demonstration Circuit

3.0 RESULTS

A pyrite concentrate grading 42.0% Fe, 49.5% S, and 4.8% combined lead and zinc was produced in the BMS pilot plant using cycloned plant tailings and closed circuit cleaning.

The results from the demonstration circuit confirmed that zinc scavenger tails improved lead and zinc rejection with a resultant product of 45.9% Fe, 50.2% S and 2.1% total lead and zinc. Open circuit cleaning reduced overall sulphur recovery to 19.1% as compared to 70.8% sulphur recovery for the pilot plant circuit. In the demonstration circuit, efforts were directed to obtain the cleanest possible pyrite and therefore pyrite recovery was sacrificed in the interest of grade. This approach resulted in a 0.7% increase in sulphur and a reduction in lead and zinc of 2.7%.

Assays of selected cyclone underflows (notably those with small apex diameters) revealed that marketable sulfur grades from pyrite are concentrated within particular size ranges. It was apparent that single stage cycloning was unable to provide marketable pyrite because of the recovery of non-sulphides and pyrite middlings to the coarser fractions of the underflow stream. Multi-stage cycloning appears most suitable for handling and separating pyrite from non-sulphide particles in the coarsest size ranges. Adequate cyclone models and flow sheet simulators are required to confirm this belief.

Sufficient pilot scale cyclone data was collected to continue the modelling investigation without additional sampling.

4.0 CONCLUSIONS

1. Pyrite concentrate assaying 42% Fe, 49.5% S, 1.4% Pb, 3.4% Zn, 0.2% Cu, 0.4% As, 0.05% Sb, 0.004% Cd was produced in the BMS pilot plant, fulfilling the primary objective of the study.

2. A hydrocyclone was effective as a preconcentrator for coarse pyrite recovery from tailings and rejection of finer base metal sulphides.

3. Coarse pyrite was recovered by conventional froth flotation of cyclone underflow at pH 8.0-8.5 with potassium amyl xanthate collector at 270 g/tonne. Reagent additions were not optimized and the high dosage requirements are an indication of this.

4. State-of-the-art cyclone models are inadequate due to the unusual shape of the partition curve for sulphide minerals. Cyclone circuit simulation can not be attempted until a suitable cyclone model is developed.

5. The cyclone models of Lynch and Rao (1975) and Plitt (1976) adequately fit the non-sulphide partition curve.

5.0 RECOMMENDATIONS

1. Further mathematical investigation is required to improve the modelling of the cyclone partition curves for sulphide minerals. Once an appropriate model has been developed, it may be applied to simulate and optimize multi-stage cycloning circuits.

2. Further pilot scale investigations should be conducted to validate the predictions of the flow sheet simulator and determine the response of the flotation circuit to the new feed.

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Appendix A

Laboratory Flotation Test Data

Table

SUMMARY OF PYRITE TEST WORK

Initial Flotation Tests

1 Plant tails at natural pH, 0.11 #/T plant xanthate (80:20 SIX:PAX)
2 Wet screened +400 mesh, 9 pH, 0.40 #/T plant xanthate
3 Wet screened +400 mesh, 9 pH, 0.62 #/T plant xanthate
4 L1 Sec Cyc U/F, 9 pH, 0.58 #/T plant xanthate
5 L1 Sec Cyc O/F, 9 pH, 0.61 #/T plant xanthate

Cyclone Set up

1.25" Apex 15, 20, 25 psi
0.75" Apex "
0.5" Apex "
0.375" Apex "

Flotation Tests on Cyclone Underflows (Natural pH 8-8.5)

6 1.25" Apex, PAX, Stages .16/.08/.08/.08/.08/.08 (.546 #/T) fresh water
7 " $CuSO_4$ .47 #/T, PAX, .16/.08/.08/.08/.08/.08 (.544) fresh
8 " PAX, .32/.08/.08/.08/.08/.08 (.692) fresh
9 0.5" PAX, .14 /.07/.07/.07/.07/.07 (.465) reclaim
10 " .18/.06/.06/.06/.06/.06 (.518)
11 " .28/.07/.07/.07/.07/.07 (.581)
12 " .32/-/.08/-/.08/- (.498)
13 " .4/-/.08/-/.08/- (.542)
14 " .16/.08/.08/.08/.08/.08 (.529)
15 " .28/-/.07/-/.07/- (.439) Clnr MIBC
16 " .28/-/.07/-/.07/- (.437) Clnr MIBC
17 " SIX, .08/-/.08/-/.08/- (.249)
18 " .12/-/.08/-/.08/- (.287)
19 " .16/-/.08/-/.08/- (.313)
20 " SIX/PAX/241, .08/-/.08/-/.08/- (.227)
21 " .12/-/.08/-/.08/- (.257)
22 " .14/-/.07/-/.07/- (.284)
23 "11.5 pH, $CuSO_4$ .15, 5415 .08/-, SIX .32/-/.08/.08 (.494)
24 " .14 .11/- .32/-/.08/.08 (.471)
25 " .15 .15/- .32/-/.08/.08 (.502)
26 " .15 .08/- .4/-/.08/.08 (.578)
27 " .15 .12/- .4/-/.08/.08 (.577)
28 " .14 .14/- .4/-/.08/.08 (.552)

Pilot Plant

10/12/86 11:20 open circuit, 2 banks, SIX total (.32 #/T)
13:45 open (.26)
17:25 open (.34)
20:30 closed (.25)
11/12/86 closed circuit 2 banks (.23)
15/12/86 closed 2 banks, PAX (no measurements)
closed 1 bank (.54) Sample produced

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Y-6043-1				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	22.00		13.58			34.88	38.01	1.14	####	6.92	####	####	1.05	1.22
2	34.00		10.08			36.32	38.01	1.76	####	7.94	####	####	1.69	1.89
3	64.00		7.90			36.74	37.56	3.31	####	11.71	####	####	3.22	3.52
4	56.00		7.64			36.76	36.89	2.89	####	9.91	####	####	2.82	3.02
5	76.00		5.60			38.70	38.69	3.93	####	9.86	####	####	4.03	4.30
6	37.00		4.30			38.04	38.69	1.91	####	3.69	####	####	1.93	2.09
7								0.00	####	0.00	####	####	0.00	0.00
8								0.00	####	0.00	####	####	0.00	0.00
9								0.00	####	0.00	####	####	0.00	0.00
10								0.00	####	0.00	####	####	0.00	0.00
11								0.00	####	0.00	####	####	0.00	0.00
12								0.00	####	0.00	####	####	0.00	0.00
Tails	1647.00		1.31			37.82	34.86	85.07	####	49.98	####	####	85.27	83.96
Feed	1936.00	0.00	2.23	0.00	0.00	37.73	35.32	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	22.00	0.00	13.58	0.00	0.00	34.88	38.01	1.14	####	6.92	####	####	1.05	1.22
1 to 2	56.00	0.00	11.46	0.00	0.00	35.75	38.01	2.89	####	14.86	####	####	2.74	3.11
1 to 3	120.00	0.00	9.56	0.00	0.00	36.28	37.77	6.20	####	26.57	####	####	5.96	6.63
1 to 4	176.00	0.00	8.95	0.00	0.00	36.43	37.49	9.09	####	36.48	####	####	8.78	9.65
1 to 5	252.00	0.00	7.94	0.00	0.00	37.12	37.85	13.02	####	46.34	####	####	12.80	13.95
1 to 6	289.00	0.00	7.47	0.00	0.00	37.23	37.96	14.93	####	50.02	####	####	14.73	16.04
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 13	1647.00	0.00	1.31	0.00	0.00	37.82	34.86	85.07	####	49.98	####	####	85.27	83.96

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 13	1647.00	0.00	1.31	0.00	0.00	37.82	34.86	100.00	####	100.00	####	####	100.00	100.00

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Y-6043-2				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	31.00		1.42			43.56	49.03	2.48	####	1.46	####	####	3.48	3.65
2	37.00		6.80			44.90	49.71	2.96	####	8.37	####	####	4.28	4.42
3	47.00		5.64			44.12	47.46	3.75	####	8.82	####	####	5.34	5.35
4	59.00		4.56			45.32	49.26	4.71	####	8.95	####	####	6.89	6.98
5	92.00		3.94			45.22	49.48	7.35	####	12.06	####	####	10.72	10.93
6	142.00		3.18			45.10	50.16	11.34	####	15.02	####	####	16.50	17.10
7	153.00		2.54			45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
8								0.00	####	0.00	####	####	0.00	0.00
9								0.00	####	0.00	####	####	0.00	0.00
10								0.00	####	0.00	####	####	0.00	0.00
11								0.00	####	0.00	####	####	0.00	0.00
12								0.00	####	0.00	####	####	0.00	0.00
Tails	691.00		1.41			19.56	20.24	55.19	####	32.40	####	####	34.83	33.57
Feed	1252.00	0.00	2.40	0.00	0.00	31.00	33.27	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	31.00	0.00	1.42	0.00	0.00	43.56	49.03	2.48	####	1.46	####	####	3.48	3.65
1 to 2	68.00	0.00	4.35	0.00	0.00	44.29	49.40	5.43	####	9.83	####	####	7.76	8.06
1 to 3	115.00	0.00	4.88	0.00	0.00	44.22	48.61	9.19	####	18.65	####	####	13.10	13.42
1 to 4	174.00	0.00	4.77	0.00	0.00	44.59	48.83	13.90	####	27.60	####	####	19.99	20.39
1 to 5	266.00	0.00	4.48	0.00	0.00	44.81	49.05	21.25	####	39.65	####	####	30.71	31.32
1 to 6	408.00	0.00	4.03	0.00	0.00	44.91	49.44	32.59	####	54.67	####	####	47.21	48.42
7 to 7	153.00	0.00	2.54	0.00	0.00	45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
7 to 8	153.00	0.00	2.54	0.00	0.00	45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
7 to 9	153.00	0.00	2.54	0.00	0.00	45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
7 to 10	153.00	0.00	2.54	0.00	0.00	45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
7 to 11	153.00	0.00	2.54	0.00	0.00	45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
7 to 12	153.00	0.00	2.54	0.00	0.00	45.56	49.03	12.22	####	12.93	####	####	17.96	18.01
7 to 13	844.00	0.00	1.61	0.00	0.00	24.27	25.46	67.41	####	45.33	####	####	52.79	51.58

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	153.00	0.00	2.54	0.00	0.00	45.56	49.03	18.13	####	2.54	0.00	0.00	45.56	49.03
7 to 8	153.00	0.00	2.54	0.00	0.00	45.56	49.03	18.13	####	28.51	####	####	34.03	34.91
7 to 9	153.00	0.00	2.54	0.00	0.00	45.56	49.03	18.13	####	28.51	####	####	34.03	34.91
7 to 10	153.00	0.00	2.54	0.00	0.00	45.56	49.03	18.13	####	28.51	####	####	34.03	34.91
7 to 11	153.00	0.00	2.54	0.00	0.00	45.56	49.03	18.13	####	28.51	####	####	34.03	34.91
7 to 12	153.00	0.00	2.54	0.00	0.00	45.56	49.03	18.13	####	28.51	####	####	34.03	34.91
7 to 13	844.00	0.00	1.61	0.00	0.00	24.27	25.46	100.00	####	100.00	####	####	100.00	100.00

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Y-6043-4				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	150.00		3.02			42.86		12.88	####	6.01	####	####	15.62	####
2	192.00		3.88			41.96		16.48	####	9.89	####	####	19.57	####
3	91.00		4.00			40.64		7.81	####	4.83	####	####	8.99	####
4	51.00		4.30			39.28		4.38	####	2.91	####	####	4.87	####
5	65.00		4.74			37.58		5.58	####	4.09	####	####	5.93	####
6								0.00	####	0.00	####	####	0.00	####
7								0.00	####	0.00	####	####	0.00	####
8								0.00	####	0.00	####	####	0.00	####
9								0.00	####	0.00	####	####	0.00	####
10								0.00	####	0.00	####	####	0.00	####
11								0.00	####	0.00	####	####	0.00	####
12								0.00	####	0.00	####	####	0.00	####
Tails	616.00		8.84			30.08		52.88	####	72.27	####	####	45.02	####
Feed	1165.00	0.00	6.47	0.00	0.00	35.33	0.00	100.00	####	100.00	####	####	100.00	####

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	150.00	0.00	3.02	0.00	0.00	42.86	0.00	12.88	####	6.01	####	####	15.62	####
1 to 2	342.00	0.00	3.50	0.00	0.00	42.35	0.00	29.36	####	15.90	####	####	35.19	####
1 to 3	433.00	0.00	3.61	0.00	0.00	41.99	0.00	37.17	####	20.73	####	####	44.18	####
1 to 4	484.00	0.00	3.68	0.00	0.00	41.71	0.00	41.55	####	23.64	####	####	49.05	####
1 to 5	549.00	0.00	3.81	0.00	0.00	41.22	0.00	47.12	####	27.73	####	####	54.98	####
1 to 6	549.00	0.00	3.81	0.00	0.00	41.22	0.00	47.12	####	27.73	####	####	54.98	####
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	0.00	####	####	0.00	####
7 to 8	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 9	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 10	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 11	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 12	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 13	616.00	0.00	8.84	0.00	0.00	30.08	0.00	52.88	####	72.27	####	####	45.02	####

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 9	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 10	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 11	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 12	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	####
7 to 13	616.00	0.00	8.84	0.00	0.00	30.08	0.00	100.00	####	100.00	####	####	100.00	####

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Y-6043-3				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	51.00		1.48			44.78	49.48	4.99	####	3.29	####	####	6.49	7.41
2	63.00		4.02			46.60	49.71	6.16	####	11.05	####	####	8.34	9.20
3	96.00		3.80			45.82	49.48	9.38	####	15.92	####	####	12.50	13.95
4	89.00		3.16			45.48	49.48	8.70	####	12.27	####	####	11.50	12.94
5	98.00		2.96			45.50	48.13	9.58	####	12.66	####	####	12.67	13.86
6	83.00		3.08			44.30	48.36	8.11	####	11.16	####	####	10.45	11.79
7								0.00	####	0.00	####	####	0.00	0.00
8								0.00	####	0.00	####	####	0.00	0.00
9								0.00	####	0.00	####	####	0.00	0.00
10								0.00	####	0.00	####	####	0.00	0.00
11								0.00	####	0.00	####	####	0.00	0.00
12								0.00	####	0.00	####	####	0.00	0.00
Tails	543.00		1.42			24.66	19.34	53.08	####	33.65	####	####	38.05	30.85
Feed	1023.00	0.00	2.24	0.00	0.00	34.40	33.28	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	51.00	0.00	1.48	0.00	0.00	44.78	49.48	4.99	####	3.29	####	####	6.49	7.41
1 to 2	114.00	0.00	2.86	0.00	0.00	45.79	49.61	11.14	####	14.35	####	####	14.83	16.61
1 to 3	210.00	0.00	3.30	0.00	0.00	45.80	49.55	20.53	####	30.26	####	####	27.33	30.57
1 to 4	299.00	0.00	3.26	0.00	0.00	45.71	49.53	29.23	####	42.54	####	####	38.83	43.50
1 to 5	397.00	0.00	3.19	0.00	0.00	45.65	49.18	38.81	####	55.20	####	####	51.50	57.36
1 to 6	480.00	0.00	3.17	0.00	0.00	45.42	49.04	46.92	####	66.35	####	####	61.95	69.15
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 13	543.00	0.00	1.42	0.00	0.00	24.66	19.34	53.08	####	33.65	####	####	38.05	30.85

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	####	0.00	####	####	0.00	0.00
7 to 13	543.00	0.00	1.42	0.00	0.00	24.66	19.34	100.00	####	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-5				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	35.00					34.66		3.77	####	####	####	####	4.52	####
2	108.00					38.56		11.63	####	####	####	####	15.52	####
3	35.00					35.18		3.77	####	####	####	####	4.59	####
4	44.00					37.92		4.74	####	####	####	####	6.22	####
5	29.00					34.00		3.12	####	####	####	####	3.67	####
6	19.00					33.90		2.05	####	####	####	####	2.40	####
7	14.00					35.68		1.51	####	####	####	####	1.86	####
8	10.00					29.62		1.08	####	####	####	####	1.10	####
9	12.00					35.14		1.29	####	####	####	####	1.57	####
10								0.00	####	####	####	####	0.00	####
11								0.00	####	####	####	####	0.00	####
12								0.00	####	####	####	####	0.00	####
Tails	623.00					25.22		67.06	####	####	####	####	58.55	####
Feed	929.00	0.00	0.00	0.00	0.00	28.89	0.00	100.00	####	####	####	####	100.00	####

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	35.00	0.00	0.00	0.00	0.00	34.66	0.00	3.77	####	####	####	####	4.52	####
1 to 2	143.00	0.00	0.00	0.00	0.00	37.61	0.00	15.39	####	####	####	####	20.04	####
1 to 3	178.00	0.00	0.00	0.00	0.00	37.13	0.00	19.16	####	####	####	####	24.63	####
1 to 4	222.00	0.00	0.00	0.00	0.00	37.29	0.00	23.90	####	####	####	####	30.84	####
1 to 5	251.00	0.00	0.00	0.00	0.00	36.91	0.00	27.02	####	####	####	####	34.52	####
1 to 6	270.00	0.00	0.00	0.00	0.00	36.69	0.00	29.06	####	####	####	####	36.92	####
7 to 7	14.00	0.00	0.00	0.00	0.00	35.68	0.00	1.51	####	####	####	####	1.86	####
7 to 8	24.00	0.00	0.00	0.00	0.00	33.16	0.00	2.58	####	####	####	####	2.97	####
7 to 9	36.00	0.00	0.00	0.00	0.00	33.82	0.00	3.88	####	####	####	####	4.54	####
7 to 10	36.00	0.00	0.00	0.00	0.00	33.82	0.00	3.88	####	####	####	####	4.54	####
7 to 11	36.00	0.00	0.00	0.00	0.00	33.82	0.00	3.88	####	####	####	####	4.54	####
7 to 12	36.00	0.00	0.00	0.00	0.00	33.82	0.00	3.88	####	####	####	####	4.54	####
7 to 13	659.00	0.00	0.00	0.00	0.00	25.69	0.00	70.94	####	####	####	####	63.08	####

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	14.00	0.00	0.00	0.00	0.00	35.68	0.00	2.12	####	0.00	0.00	0.00	35.68	0.00
7 to 8	24.00	0.00	0.00	0.00	0.00	33.16	0.00	3.64	####	####	####	####	4.70	####
7 to 9	36.00	0.00	0.00	0.00	0.00	33.82	0.00	5.46	####	####	####	####	7.19	####
7 to 10	36.00	0.00	0.00	0.00	0.00	33.82	0.00	5.46	####	####	####	####	7.19	####
7 to 11	36.00	0.00	0.00	0.00	0.00	33.82	0.00	5.46	####	####	####	####	7.19	####
7 to 12	36.00	0.00	0.00	0.00	0.00	33.82	0.00	5.46	####	####	####	####	7.19	####
7 to 13	659.00	0.00	0.00	0.00	0.00	25.69	0.00	100.00	####	####	####	####	100.00	####

B.M..--Metallurgical Laboratory Report

Y-6043-6				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	26.00	3.62	11.86			35.36	42.70	2.04	8.18	16.06	####	####	2.29	2.77
2	25.00	2.74	7.38			39.80	45.45	1.96	5.95	9.61	####	####	2.48	2.84
3	59.00	2.02	4.20			41.88	46.83	4.62	10.36	12.91	####	####	6.15	6.90
4	56.00	1.54	3.06			42.68	47.52	4.39	7.50	8.93	####	####	5.95	6.65
5	98.00	1.24	2.30			44.32	47.52	7.67	10.56	11.74	####	####	10.31	11.64
6	78.00	1.04	1.64			44.66	46.83	6.11	7.05	6.66	####	####	8.67	9.13
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	935.00	0.62	0.70			27.34	25.71	73.22	50.39	34.09	####	####	63.64	60.07
Feed	1277.00	0.90	1.50	0.00	0.00	31.45	31.34	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	26.00	3.62	11.86	0.00	0.00	35.36	42.70	2.04	8.18	16.06	####	####	2.29	2.77
1 to 2	51.00	3.19	9.66	0.00	0.00	37.54	44.05	3.99	14.14	25.67	####	####	4.77	5.61
1 to 3	110.00	2.56	6.73	0.00	0.00	39.87	45.54	8.61	24.50	38.58	####	####	10.92	12.52
1 to 4	166.00	2.22	5.49	0.00	0.00	40.82	46.21	13.00	31.99	47.51	####	####	16.87	19.17
1 to 5	264.00	1.85	4.31	0.00	0.00	42.12	46.70	20.67	42.56	59.25	####	####	27.68	30.80
1 to 6	342.00	1.67	3.70	0.00	0.00	42.70	46.73	26.78	49.61	65.91	####	####	36.36	39.93
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	935.00	0.62	0.70	0.00	0.00	27.34	25.71	73.22	50.39	34.09	####	####	63.64	60.07

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	935.00	0.62	0.70	0.00	0.00	27.34	25.71	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-7				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	34.00	3.16	10.44			37.12	43.16	2.65	9.03	17.94	####	####	3.08	3.65
2	42.00	2.10	4.84			40.48	45.45	3.27	7.41	10.27	####	####	4.15	4.75
3	97.00	1.58	3.18			43.60	46.83	7.55	12.88	15.59	####	####	10.32	11.31
4	71.00	1.34	2.38			44.44	44.53	5.53	7.99	8.54	####	####	7.70	7.87
5	112.00	1.22	1.86			44.90	48.90	8.72	11.48	10.53	####	####	12.27	13.63
6	95.00	0.98	1.42			44.72	47.29	7.40	7.82	6.82	####	####	10.36	11.18
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	833.00	0.62	0.72			25.66	22.96	64.88	43.39	30.31	####	####	52.14	47.61
Feed	1284.00	0.93	1.54	0.00	0.00	31.93	31.29	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	34.00	3.16	10.44	0.00	0.00	37.12	43.16	2.65	9.03	17.94	####	####	3.08	3.65
1 to 2	76.00	2.57	7.35	0.00	0.00	38.98	44.43	5.92	16.44	28.21	####	####	7.23	8.40
1 to 3	173.00	2.02	5.01	0.00	0.00	41.57	45.77	13.47	29.31	43.80	####	####	17.54	19.71
1 to 4	244.00	1.82	4.24	0.00	0.00	42.40	45.41	19.00	37.31	52.34	####	####	25.24	27.58
1 to 5	356.00	1.63	3.49	0.00	0.00	43.19	46.51	27.73	48.79	62.87	####	####	37.50	41.21
1 to 6	451.00	1.49	3.06	0.00	0.00	43.51	46.67	35.12	56.61	69.69	####	####	47.86	52.39
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	833.00	0.62	0.72	0.00	0.00	25.66	22.96	64.88	43.39	30.31	####	####	52.14	47.61

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	833.00	0.62	0.72	0.00	0.00	25.66	22.96	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-8				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	61.00	1.98	4.98			40.46	46.14	4.71	9.65	16.60	####	####	5.92	6.78
2	64.00	1.74	3.52			42.28	47.33	4.94	8.90	12.31	####	####	6.49	7.29
3	93.00	1.56	2.92			43.00	49.92	7.18	11.59	14.84	####	####	9.59	11.18
4	87.00	1.30	2.28			44.46	48.51	6.71	9.04	10.84	####	####	9.27	10.16
5	135.00	1.16	1.84			44.26	48.04	10.42	12.51	13.58	####	####	14.32	15.62
6	117.00	1.00	1.44			44.82	45.92	9.03	9.35	9.21	####	####	12.57	12.94
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	739.00	0.66	0.56			23.62	20.25	57.02	38.97	22.62	####	####	41.84	36.03
Feed	1296.00	0.97	1.41	0.00	0.00	32.19	32.04	100.00	100.00	100.00	####	####	100.00	100.00
Absolute Cumulative Report														
				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	61.00	1.98	4.98	0.00	0.00	40.46	46.14	4.71	9.65	16.60	####	####	5.92	6.78
1 to 2	125.00	1.86	4.23	0.00	0.00	41.39	46.75	9.65	18.55	28.92	####	####	12.40	14.07
1 to 3	218.00	1.73	3.67	0.00	0.00	42.08	48.10	16.82	30.14	43.76	####	####	21.99	25.25
1 to 4	305.00	1.61	3.28	0.00	0.00	42.76	48.22	23.53	39.17	54.60	####	####	31.26	35.41
1 to 5	440.00	1.47	2.83	0.00	0.00	43.22	48.16	33.95	51.68	68.17	####	####	45.59	51.03
1 to 6	557.00	1.37	2.54	0.00	0.00	43.55	47.69	42.98	61.03	77.38	####	####	58.16	63.97
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	739.00	0.66	0.56	0.00	0.00	23.62	20.25	57.02	38.97	22.62	####	####	41.84	36.03
Stage Cumulative Report														
				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	739.00	0.66	0.56	0.00	0.00	23.62	20.25	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-9				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	42.00	1.88	7.64			41.50	49.30	2.80	6.12	10.19	####	####	3.35	3.74
2	67.00	1.34	3.92			43.28	49.92	4.46	6.96	8.34	####	####	5.57	6.04
3	105.00	1.20	3.12			45.28	51.91	7.00	9.77	10.40	####	####	9.13	9.85
4	94.00	1.08	2.80			46.52	50.39	6.26	7.87	8.36	####	####	8.39	[illegible].56
5	120.00	1.16	2.48			46.30	51.34	7.99	10.79	9.45	####	####	10.67	11.13
6	154.00	1.08	2.42			45.20	52.28	10.26	12.89	11.83	####	####	13.36	14.54
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	919.00	0.64	1.42			28.08	27.79	61.23	45.60	41.43	####	####	49.54	46.14
Feed	1501.00	0.86	2.10	0.00	0.00	34.71	36.88	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	42.00	1.88	7.64	0.00	0.00	41.50	49.30	2.80	6.12	10.19	####	####	3.35	3.74
1 to 2	109.00	1.55	5.35	0.00	0.00	42.59	49.68	7.26	13.08	18.53	####	####	8.91	9.78
1 to 3	214.00	1.38	4.26	0.00	0.00	43.91	50.77	14.26	22.85	28.93	####	####	18.04	19.63
1 to 4	308.00	1.29	3.81	0.00	0.00	44.71	50.66	20.52	30.72	37.28	####	####	26.43	28.19
1 to 5	428.00	1.25	3.44	0.00	0.00	45.15	50.85	28.51	41.51	46.73	####	####	37.10	39.32
1 to 6	582.00	1.21	3.17	0.00	0.00	45.17	51.23	38.77	54.40	58.57	####	####	50.46	53.86
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	919.00	0.64	1.42	0.00	0.00	28.08	27.79	61.23	45.60	41.43	####	####	49.54	46.14

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	919.00	0.64	1.42	0.00	0.00	28.08	27.79	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-10				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	210.00	1.22	3.40			43.76	50.86	13.62	18.18	22.95	####	####	16.69	19.25
2	184.00	1.14	3.06			44.50	48.75	11.93	14.88	18.10	####	####	14.87	16.17
3	185.00	1.08	2.56			44.96	48.04	12.00	14.18	15.22	####	####	15.11	16.02
4	237.00	1.14	2.22			44.58	47.10	15.37	19.17	16.91	####	####	19.19	20.12
5	166.00	1.16	2.14			43.48	47.10	10.77	13.66	11.42	####	####	13.11	14.09
6	88.00	1.26	2.12			40.46	43.80	5.71	7.87	6.00	####	####	6.47	6.95
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	472.00	0.36	0.62			16.98	8.71	30.61	12.06	9.41	####	####	14.56	7.41
Feed	1542.00	0.91	2.02	0.00	0.00	35.70	35.98	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	210.00	1.22	3.40	0.00	0.00	43.76	50.86	13.62	18.18	22.95	####	####	16.69	19.25
1 to 2	394.00	1.18	3.24	0.00	0.00	44.11	49.87	25.55	33.06	41.05	####	####	31.57	35.42
1 to 3	579.00	1.15	3.02	0.00	0.00	44.38	49.29	37.55	47.24	56.27	####	####	46.67	51.43
1 to 4	816.00	1.15	2.79	0.00	0.00	44.44	48.65	52.92	66.41	73.18	####	####	65.86	71.55
1 to 5	982.00	1.15	2.68	0.00	0.00	44.28	48.39	63.68	80.08	84.60	####	####	78.97	85.64
1 to 6	1070.00	1.16	2.63	0.00	0.00	43.96	48.01	69.39	87.94	90.59	####	####	85.44	92.59
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	472.00	0.36	0.62	0.00	0.00	16.98	8.71	30.61	12.06	9.41	####	####	14.56	7.41

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	472.00	0.36	0.62	0.00	0.00	16.98	8.71	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-11				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	%
Pyrite	220.00	1.10	3.34			44.14	48.04	14.22	17.85	23.35	####	####	18.02	19.68
2	196.00	1.04	2.92			44.24	47.57	12.67	15.03	18.19	####	####	16.09	17.36
3	194.00	1.06	2.30			44.76	48.51	12.54	15.16	14.18	####	####	16.12	17.52
4	179.00	1.04	2.08			44.86	46.15	11.57	13.73	11.83	####	####	14.90	15.38
5	240.00	1.18	2.22			40.66	44.27	15.51	20.88	16.93	####	####	18.11	19.78
6	107.00	1.20	2.18			32.40	35.32	6.92	9.47	7.41	####	####	6.43	7.04
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	411.00	0.26	0.62			13.52	4.24	26.57	7.88	8.10	####	####	10.31	3.24
Feed	1547.00	0.88	2.03	0.00	0.00	34.83	34.72	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	%	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	%
1 to 1	220.00	1.10	3.34	0.00	0.00	44.14	48.04	14.22	17.85	23.35	####	####	18.02	19.68
1 to 2	416.00	1.07	3.14	0.00	0.00	44.19	47.82	26.89	32.88	41.54	####	####	34.12	37.04
1 to 3	610.00	1.07	2.87	0.00	0.00	44.37	48.04	39.43	48.04	55.72	####	####	50.24	54.56
1 to 4	789.00	1.06	2.69	0.00	0.00	44.48	47.61	51.00	61.77	67.56	####	####	65.14	69.94
1 to 5	1029.00	1.09	2.58	0.00	0.00	43.59	46.83	66.52	82.65	84.49	####	####	83.25	89.72
1 to 6	1136.00	1.10	2.55	0.00	0.00	42.54	45.75	73.43	92.12	91.90	####	####	89.69	96.76
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	411.00	0.26	0.62	0.00	0.00	13.52	4.24	26.57	7.88	8.10	####	####	10.31	3.24

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	%	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	%
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	411.00	0.26	0.62	0.00	0.00	13.52	4.24	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-12				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite 1	111.00	1.12	2.28			42.44	48.67	9.22	10.97	13.56	####	####	12.78	13.37
2	233.00	1.22	2.06			42.06	48.90	19.35	25.09	25.72	####	####	26.59	28.19
3	230.00	1.24	2.34			42.36	49.13	19.10	25.17	28.84	####	####	26.43	27.96
4	71.00	1.16	1.82			42.82	48.90	5.90	7.27	6.92	####	####	8.25	8.59
5	98.00	1.22	1.82			39.68	44.92	8.14	10.55	9.56	####	####	10.55	10.89
6	66.00	1.08	1.72			32.79	37.90	5.48	6.29	6.08	####	####	5.87	6.19
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	395.00	0.42	0.44			8.90	4.91	32.81	14.64	9.31	####	####	9.54	4.80
Feed	1204.00	0.94	1.55	0.00	0.00	30.62	33.56	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	111.00	1.12	2.28	0.00	0.00	42.44	48.67	9.22	10.97	13.56	####	####	12.78	13.37
1 to 2	344.00	1.19	2.13	0.00	0.00	42.18	48.83	28.57	36.07	39.28	####	####	39.37	41.56
1 to 3	574.00	1.21	2.21	0.00	0.00	42.25	48.95	47.67	61.24	68.12	####	####	65.80	69.53
1 to 4	645.00	1.20	2.17	0.00	0.00	42.32	48.94	53.57	68.51	75.05	####	####	74.04	78.12
1 to 5	743.00	1.21	2.12	0.00	0.00	41.97	48.41	61.71	79.06	84.60	####	####	84.59	89.01
1 to 6	809.00	1.20	2.09	0.00	0.00	41.22	47.55	67.19	85.36	90.69	####	####	90.46	95.20
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	395.00	0.42	0.44	0.00	0.00	8.90	4.91	32.81	14.64	9.31	####	####	9.54	4.80

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	395.00	0.42	0.44	0.00	0.00	8.90	4.91	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-13				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	188.00	1.10	2.30			42.42	49.13	14.61	18.24	20.57	####	####	19.92	21.51
2	123.00	1.06	2.20			43.40	49.13	9.56	11.50	12.87	####	####	13.33	14.07
3	223.00	1.08	2.00			43.62	49.13	17.33	21.24	21.22	####	####	24.29	25.51
4	89.00	1.12	1.98			43.88	47.73	6.92	8.79	8.38	####	####	9.75	9.89
5	162.00	1.18	2.14			41.50	44.92	12.59	16.86	16.49	####	####	16.79	16.95
6	96.00	1.24	1.86			31.67	34.16	7.46	10.50	8.49	####	####	7.59	7.64
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	406.00	0.36	0.62			8.20	4.68	31.55	12.89	11.97	####	####	8.32	4.42
Feed	1287.00	0.88	1.63	0.00	0.00	31.11	33.36	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	188.00	1.10	2.30	0.00	0.00	42.42	49.13	14.61	18.24	20.57	####	####	19.92	21.51
1 to 2	311.00	1.08	2.26	0.00	0.00	42.81	49.13	24.16	29.73	33.44	####	####	33.25	35.58
1 to 3	534.00	1.08	2.15	0.00	0.00	43.15	49.13	41.49	50.97	54.66	####	####	57.55	61.10
1 to 4	623.00	1.09	2.13	0.00	0.00	43.25	48.93	48.41	59.76	63.04	####	####	67.30	70.99
1 to 5	785.00	1.11	2.13	0.00	0.00	42.89	48.10	60.99	76.61	79.53	####	####	84.09	87.94
1 to 6	881.00	1.12	2.10	0.00	0.00	41.67	46.58	68.45	87.11	88.03	####	####	91.68	95.58
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	406.00	0.36	0.62	0.00	0.00	8.20	4.68	31.55	12.89	11.97	####	####	8.32	4.42

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	406.00	0.36	0.62	0.00	0.00	8.20	4.68	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-14				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite 1	162.00	1.32	2.98			43.06	47.73	12.29	18.45	22.65	####	####	16.21	17.45
2	126.00	1.10	2.36			43.62	49.84	9.56	11.96	13.95	####	####	12.77	14.17
3	179.00	1.00	1.20			43.80	48.43	13.58	15.44	15.12	####	####	18.22	19.56
4	119.00	1.00	1.80			44.18	48.67	9.03	10.27	10.05	####	####	12.22	13.07
5	213.00	1.12	1.74			41.88	45.86	16.16	20.58	17.39	####	####	20.73	22.04
6	91.00	1.18	1.78			37.46	39.31	6.90	9.26	7.60	####	####	7.92	8.07
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	428.00	0.36	0.66			12.00	5.85	32.47	14.03	13.25	####	####	11.93	5.65
Feed	1318.00	0.88	1.62	0.00	0.00	32.65	33.63	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	162.00	1.32	2.98	0.00	0.00	43.06	47.73	12.29	18.45	22.65	####	####	16.21	17.45
1 to 2	288.00	1.22	2.71	0.00	0.00	43.31	48.65	21.85	30.41	36.60	####	####	28.98	31.61
1 to 3	467.00	1.14	2.36	0.00	0.00	43.49	48.57	35.43	45.85	51.71	####	####	47.20	51.17
1 to 4	586.00	1.11	2.25	0.00	0.00	43.63	48.59	44.46	56.12	61.76	####	####	59.42	64.24
1 to 5	799.00	1.11	2.11	0.00	0.00	43.17	47.86	60.62	76.70	79.15	####	####	80.14	86.28
1 to 6	890.00	1.12	2.08	0.00	0.00	42.58	46.99	67.53	85.97	86.75	####	####	88.07	94.35
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	428.00	0.38	0.66	0.00	0.00	12.00	5.85	32.47	14.03	13.25	####	####	11.93	5.65

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	428.00	0.38	0.66	0.00	0.00	12.00	5.85	100.00	100.00	100.00	####	####	100.00	100.00

B.M.--Metallurgical Laboratory Report

Y-6043-15				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	77.00	1.58	4.00			43.94	48.67	5.64	10.39	13.69	####	####	7.60	8.28
2	52.00	1.52	3.36			43.06	48.90	3.81	6.75	7.76	####	####	5.03	5.62
3	84.00	1.42	2.80			37.80	49.13	6.15	10.18	10.45	####	####	7.13	9.12
4	69.00	1.22	2.40			43.52	49.84	5.05	7.19	7.36	####	####	6.74	7.60
5	81.00	1.18	2.08			43.98	47.26	5.93	8.16	7.49	####	####	8.00	8.46
6	99.00	1.06	1.80			45.60	49.13	7.25	8.96	7.92	####	####	10.14	10.75
7	403.00	0.86	1.44			44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	500.00	0.44	0.88			13.64	8.42	36.63	18.78	19.55	####	####	15.31	9.31
Feed	1365.00	0.86	1.65	0.00	0.00	32.63	33.14	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	77.00	1.58	4.00	0.00	0.00	43.94	48.67	5.64	10.39	13.69	####	####	7.60	8.28
1 to 2	129.00	1.56	3.74	0.00	0.00	43.59	48.76	9.45	17.14	21.45	####	####	12.63	13.90
1 to 3	213.00	1.50	3.37	0.00	0.00	41.30	48.91	15.60	27.32	31.90	####	####	19.75	23.03
1 to 4	282.00	1.43	3.13	0.00	0.00	41.85	49.14	20.66	34.51	39.26	####	####	26.50	30.63
1 to 5	363.00	1.38	2.90	0.00	0.00	42.32	48.72	26.59	42.67	46.74	####	####	34.50	39.09
1 to 6	462.00	1.31	2.66	0.00	0.00	43.02	48.81	33.85	51.63	54.66	####	####	44.63	49.84
7 to 7	403.00	0.86	1.44	0.00	0.00	44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
7 to 8	403.00	0.86	1.44	0.00	0.00	44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
7 to 9	403.00	0.86	1.44	0.00	0.00	44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
7 to 10	403.00	0.86	1.44	0.00	0.00	44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
7 to 11	403.00	0.86	1.44	0.00	0.00	44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
7 to 12	403.00	0.86	1.44	0.00	0.00	44.26	45.86	29.52	29.59	25.79	####	####	40.05	40.85
7 to 13	903.00	0.63	1.13	0.00	0.00	27.31	25.13	66.15	48.37	45.34	####	####	55.37	50.16

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	403.00	0.86	1.44	0.00	0.00	44.26	45.86	44.63	61.17	1.44	0.00	0.00	44.26	45.86
7 to 8	403.00	0.86	1.44	0.00	0.00	44.26	45.86	44.63	61.17	56.88	####	####	72.34	81.45
7 to 9	403.00	0.86	1.44	0.00	0.00	44.26	45.86	44.63	61.17	56.88	####	####	72.34	81.45
7 to 10	403.00	0.86	1.44	0.00	0.00	44.26	45.86	44.63	61.17	56.88	####	####	72.34	81.45
7 to 11	403.00	0.86	1.44	0.00	0.00	44.26	45.86	44.63	61.17	56.88	####	####	72.34	81.45
7 to 12	403.00	0.86	1.44	0.00	0.00	44.26	45.86	44.63	61.17	56.88	####	####	72.34	81.45
7 to 13	903.00	0.63	1.13	0.00	0.00	27.31	25.13	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-15				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	77.00	1.58	4.00			43.94	48.67	8.90	12.79	17.01	####	####	8.97	9.13
2	52.00	1.52	3.36			43.06	48.90	6.01	8.31	9.65	####	####	5.94	6.20
3	84.00	1.42	2.80			37.80	49.13	9.71	12.54	12.99	####	####	8.42	10.06
4	69.00	1.22	2.40			43.52	49.84	7.98	8.85	9.15	####	####	7.96	8.38
5	81.00	1.18	2.08			43.98	47.26	9.36	10.05	9.31	####	####	9.45	9.33
6	99.00	1.06	1.80			45.60	49.13	11.45	11.03	9.84	####	####	11.97	11.85
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	403.00	0.86	1.44			44.26	45.86	46.59	36.43	32.05	####	####	47.29	45.04
Feed	865.00	1.10	2.09	0.00	0.00	43.60	47.43	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	77.00	1.58	4.00	0.00	0.00	43.94	48.67	8.90	12.79	17.01	####	####	8.97	9.13
1 to 2	129.00	1.56	3.74	0.00	0.00	43.59	48.76	14.91	21.10	26.66	####	####	14.91	15.33
1 to 3	213.00	1.50	3.37	0.00	0.00	41.30	48.91	24.62	33.64	39.65	####	####	23.33	25.39
1 to 4	282.00	1.45	3.13	0.00	0.00	41.85	49.14	32.60	42.49	48.80	####	####	31.29	33.77
1 to 5	363.00	1.38	2.90	0.00	0.00	42.32	48.72	41.97	52.53	58.10	####	####	40.74	43.10
1 to 6	462.00	1.31	2.56	0.00	0.00	43.02	48.81	53.41	63.57	67.95	####	####	52.71	54.96
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	403.00	0.86	1.44	0.00	0.00	44.26	45.86	46.59	36.43	32.05	####	####	47.29	45.04

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	403.00	0.86	1.44	0.00	0.00	44.26	45.86	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-16				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	83.00	1.50	4.04			42.90	49.13	6.06	10.00	13.83	####	####	8.02	9.30
2	61.00	1.42	3.56			43.62	49.60	4.46	6.96	8.96	####	####	6.00	6.90
3	75.00	1.28	2.84			42.08	47.73	5.48	7.71	8.78	####	####	7.11	8.17
4	61.00	1.16	2.50			43.16	49.60	4.46	5.68	6.29	####	####	5.93	6.90
5	85.00	1.12	2.18			43.10	50.54	6.21	7.65	7.64	####	####	8.26	9.80
6	90.00	1.04	1.86			43.74	47.26	6.57	7.52	6.90	####	####	8.87	9.70
7	334.00	0.92	1.58			38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	580.00	0.64	1.08			20.26	14.04	42.37	29.81	25.83	####	####	26.48	18.57
Feed	1369.00	0.91	1.77	0.00	0.00	32.41	32.02	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	83.00	1.50	4.04	0.00	0.00	42.90	49.13	6.06	10.00	13.83	####	####	8.02	9.30
1 to 2	144.00	1.47	3.84	0.00	0.00	43.21	49.33	10.52	16.96	22.78	####	####	14.02	16.20
1 to 3	219.00	1.40	3.50	0.00	0.00	42.82	48.78	16.00	24.67	31.57	####	####	21.13	24.37
1 to 4	280.00	1.35	3.28	0.00	0.00	42.89	48.96	20.45	30.35	37.86	####	####	27.07	31.27
1 to 5	365.00	1.30	3.02	0.00	0.00	42.94	49.33	26.66	37.99	45.50	####	####	35.32	41.07
1 to 6	455.00	1.25	2.79	0.00	0.00	43.10	48.92	33.24	45.51	52.40	####	####	44.19	50.77
7 to 7	334.00	0.92	1.58	0.00	0.00	38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
7 to 8	334.00	0.92	1.58	0.00	0.00	38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
7 to 9	334.00	0.92	1.58	0.00	0.00	38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
7 to 10	334.00	0.92	1.58	0.00	0.00	38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
7 to 11	334.00	0.92	1.58	0.00	0.00	38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
7 to 12	334.00	0.92	1.58	0.00	0.00	38.96	40.24	24.40	24.68	21.76	####	####	29.33	30.66
7 to 13	914.00	0.74	1.26	0.00	0.00	27.09	23.61	66.76	54.49	47.60	####	####	55.81	49.23

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	334.00	0.92	1.58	0.00	0.00	38.96	40.24	36.54	45.29	1.58	0.00	0.00	38.96	40.24
7 to 8	334.00	0.92	1.58	0.00	0.00	38.96	40.24	36.54	45.29	45.72	####	####	52.55	62.27
7 to 9	334.00	0.92	1.58	0.00	0.00	38.96	40.24	36.54	45.29	45.72	####	####	52.55	62.27
7 to 10	334.00	0.92	1.58	0.00	0.00	38.96	40.24	36.54	45.29	45.72	####	####	52.55	62.27
7 to 11	334.00	0.92	1.58	0.00	0.00	38.96	40.24	36.54	45.29	45.72	####	####	52.55	62.27
7 to 12	334.00	0.92	1.58	0.00	0.00	38.96	40.24	36.54	45.29	45.72	####	####	52.55	62.27
7 to 13	914.00	0.74	1.26	0.00	0.00	27.09	23.61	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-16				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	83.00	1.50	4.04			42.90	49.13	10.52	14.25	18.65	####	####	10.91	11.42
2	61.00	1.42	3.56			43.62	49.60	7.73	9.91	12.08	####	####	8.16	8.48
3	75.00	1.28	2.84			42.08	47.73	9.51	10.98	11.84	####	####	9.67	10.03
4	61.00	1.16	2.50			43.16	49.60	7.73	8.10	8.48	####	####	8.07	8.48
5	85.00	1.12	2.18			43.10	50.54	10.77	10.89	10.30	####	####	11.23	12.03
6	90.00	1.04	1.86			43.74	47.26	11.41	10.71	9.31	####	####	12.07	11.91
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	334.00	0.92	1.58			38.96	40.24	42.33	35.16	29.34	####	####	39.89	37.65
Feed	789.00	1.11	2.28	0.00	0.00	41.35	45.24	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	83.00	1.50	4.04	0.00	0.00	42.90	49.13	10.52	14.25	18.65	####	####	10.91	11.42
1 to 2	144.00	1.47	3.84	0.00	0.00	43.21	49.33	18.25	24.16	30.72	####	####	19.07	19.90
1 to 3	219.00	1.40	3.50	0.00	0.00	42.82	48.78	27.76	35.14	42.56	####	####	28.75	29.93
1 to 4	280.00	1.35	3.28	0.00	0.00	42.89	48.96	35.49	43.24	51.04	####	####	36.82	38.40
1 to 5	365.00	1.30	3.02	0.00	0.00	42.94	49.33	46.26	54.13	61.35	####	####	48.05	50.44
1 to 6	455.00	1.25	2.79	0.00	0.00	43.10	48.92	57.67	64.84	70.66	####	####	60.11	62.35
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	334.00	0.92	1.58	0.00	0.00	38.96	40.24	42.33	35.16	29.34	####	####	39.89	37.65

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	334.00	0.92	1.58	0.00	0.00	38.96	40.24	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-17				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	30.00	2.58	10.76			36.38	43.89	2.50	6.94	18.71	####	####	2.43	3.03
2	64.00	2.02	5.68			39.70	42.97	5.33	11.59	21.07	####	####	5.66	6.32
3	96.00	1.24	2.26			42.52	48.97	7.99	10.67	12.58	####	####	9.09	10.80
4	58.00	1.22	1.84			42.98	47.13	4.83	6.34	6.19	####	####	5.55	6.28
5	183.00	0.92	0.94			42.66	48.28	15.24	15.09	9.97	####	####	17.39	20.30
6	43.00	0.98	0.80			43.58	47.13	3.58	3.78	1.99	####	####	4.18	4.66
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	727.00	0.70	0.70			34.38	29.11	60.53	45.61	29.50	####	####	55.69	48.62
Feed	1201.00	0.93	1.44	0.00	0.00	37.37	36.24	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	30.00	2.58	10.76	0.00	0.00	36.38	43.89	2.50	6.94	18.71	####	####	2.43	3.03
1 to 2	94.00	2.20	7.30	0.00	0.00	38.64	43.26	7.83	18.52	39.78	####	####	8.09	9.34
1 to 3	190.00	1.71	4.75	0.00	0.00	40.60	46.15	15.82	29.19	52.35	####	####	17.19	20.14
1 to 4	248.00	1.60	4.07	0.00	0.00	41.16	46.38	20.65	35.53	58.54	####	####	22.74	26.42
1 to 5	431.00	1.31	2.74	0.00	0.00	41.80	47.18	35.89	50.62	68.51	####	####	40.14	46.72
1 to 6	474.00	1.28	2.57	0.00	0.00	41.96	47.18	39.47	54.39	70.50	####	####	44.31	51.38
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	727.00	0.70	0.70	0.00	0.00	34.38	29.11	60.53	45.61	29.50	####	####	55.69	48.62

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	727.00	0.70	0.70	0.00	0.00	34.38	29.11	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-18				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	42.00	1.88	6.34			39.36	45.28	3.55	7.09	16.94	####	####	3.69	4.44
2	53.00	1.74	4.80			40.92	45.28	4.48	8.26	16.18	####	####	4.84	5.60
3	141.00	1.18	2.06			43.68	49.44	11.91	14.94	18.48	####	####	13.74	16.26
4	44.00	1.16	1.68			44.50	52.21	3.72	4.58	4.70	####	####	4.37	5.36
5	176.00	0.96	1.26			44.94	50.59	14.86	15.17	14.11	####	####	17.64	20.77
6	63.00	1.02	0.84			44.62	50.59	5.32	5.77	3.37	####	####	6.27	7.44
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	665.00	0.74	0.62			33.34	25.87	56.17	44.18	26.23	####	####	49.46	40.13
Feed	1184.00	0.94	1.33	0.00	0.00	37.86	36.20	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	42.00	1.88	6.34	0.00	0.00	39.36	45.28	3.55	7.09	16.94	####	####	3.69	4.44
1 to 2	95.00	1.80	5.48	0.00	0.00	40.23	45.28	8.02	15.37	33.12	####	####	8.53	10.04
1 to 3	236.00	1.43	3.44	0.00	0.00	42.29	47.77	19.93	30.30	51.60	####	####	22.26	26.30
1 to 4	280.00	1.39	3.16	0.00	0.00	42.64	48.46	23.65	34.89	56.30	####	####	26.63	31.66
1 to 5	456.00	1.22	2.43	0.00	0.00	43.53	49.28	38.51	50.05	70.41	####	####	44.27	52.43
1 to 6	519.00	1.20	2.23	0.00	0.00	43.66	49.44	43.83	55.82	73.77	####	####	50.54	59.87
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	665.00	0.74	0.62	0.00	0.00	33.34	25.87	56.17	44.18	26.23	####	####	49.46	40.13

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	665.00	0.74	0.62	0.00	0.00	33.34	25.87	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-19				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	%
Pyrite	34.00	2.14	9.06			39.56	45.28	2.67	6.16	17.08	####	####	2.85	3.53
2	45.00	1.52	4.36			42.96	47.13	3.53	5.79	10.88	####	####	4.09	4.86
3	174.00	1.10	1.82			43.56	47.13	13.65	16.20	17.56	####	####	16.04	18.79
4	53.00	1.20	2.00			44.06	47.59	4.16	5.38	5.88	####	####	4.94	5.78
5	215.00	1.00	1.30			45.26	48.51	16.86	18.20	15.50	####	####	20.59	23.90
6	81.00	1.06	1.22			45.78	47.36	6.35	7.27	5.48	####	####	7.85	8.79
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	673.00	0.72	0.74			30.64	22.28	52.78	41.01	27.62	####	####	43.64	34.36
Feed	1275.00	0.93	1.41	0.00	0.00	37.06	34.23	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	%	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	%
1 to 1	34.00	2.14	9.06	0.00	0.00	39.56	45.28	2.67	6.16	17.08	####	####	2.85	3.53
1 to 2	79.00	1.79	6.38	0.00	0.00	41.50	46.33	6.20	11.95	27.96	####	####	6.94	8.39
1 to 3	253.00	1.31	3.24	0.00	0.00	42.92	46.88	19.84	28.15	45.52	####	####	22.98	27.18
1 to 4	306.00	1.29	3.03	0.00	0.00	43.11	47.00	24.00	33.53	51.40	####	####	27.92	32.96
1 to 5	521.00	1.17	2.32	0.00	0.00	44.00	47.63	40.86	51.72	66.90	####	####	48.51	56.85
1 to 6	602.00	1.16	2.17	0.00	0.00	44.24	47.59	47.22	58.99	72.38	####	####	56.36	65.64
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	673.00	0.72	0.74	0.00	0.00	30.64	22.28	52.78	41.01	27.62	####	####	43.64	34.36

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	%	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	%
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	673.00	0.72	0.74	0.00	0.00	30.64	22.28	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-20				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	21.00	2.52	7.68			40.90	46.90	1.59	4.17	7.48	####	####	1.72	1.95
2	16.00	2.52	6.92			41.10	47.13	1.21	3.17	5.13	####	####	1.32	1.49
3	120.00	1.02	2.52			43.78	48.05	9.10	9.64	14.02	####	####	10.53	11.41
4	69.00	1.06	1.74			44.62	49.21	5.24	5.76	5.57	####	####	6.17	6.72
5	357.00	0.98	1.48			44.10	48.97	27.09	27.55	24.50	####	####	31.57	34.59
6	78.00	1.02	1.36			45.92	50.59	5.92	6.26	4.92	####	####	7.18	7.81
7			1.26					0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	657.00	0.84	1.26			31.50	27.72	49.85	43.45	38.38	####	####	41.50	36.03
Feed	1318.00	0.96	1.64	0.00	0.00	37.84	38.35	100.00	100.00	100.00	####	####	100.00	100.00
Absolute Cumulative Report														
				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	21.00	2.52	7.68	0.00	0.00	40.90	46.90	1.59	4.17	7.48	####	####	1.72	1.95
1 to 2	37.00	2.52	7.35	0.00	0.00	40.99	47.00	2.81	7.34	12.61	####	####	3.04	3.44
1 to 3	157.00	1.37	3.66	0.00	0.00	43.12	47.80	11.91	16.98	26.63	####	####	13.58	14.85
1 to 4	226.00	1.28	3.07	0.00	0.00	43.58	48.23	17.15	22.74	32.20	####	####	19.75	21.57
1 to 5	583.00	1.10	2.10	0.00	0.00	43.90	48.68	44.23	50.28	56.70	####	####	51.32	56.16
1 to 6	661.00	1.09	2.01	0.00	0.00	44.14	48.91	50.15	56.55	61.62	####	####	58.50	63.97
7 to 7	0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	657.00	0.84	1.26	0.00	0.00	31.50	27.72	49.85	43.45	38.38	####	####	41.50	36.03
Stage Cumulative Report														
				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	657.00	0.84	1.26	0.00	0.00	31.50	27.72	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-Z1				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	70.00	1.92	7.72			40.86	49.44	5.31	10.62	24.48	####	####	5.87	6.85
2	38.00	1.56	4.08			43.14	49.44	2.88	4.68	7.02	####	####	3.36	3.72
3	199.00	1.04	1.68			43.48	50.36	15.09	16.35	15.15	####	####	17.76	19.83
4	59.00	1.00	1.42			43.76	51.28	4.47	4.66	3.80	####	####	5.30	5.99
5	295.00	1.06	1.58			43.40	51.28	22.37	24.70	21.12	####	####	26.27	29.94
6	92.00	1.06	1.04			43.56	51.28	6.97	7.70	4.33	####	####	8.22	9.34
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	566.00	0.70	0.94			28.60	21.72	42.91	31.29	24.10	####	####	33.22	24.33
Feed	1319.00	0.96	1.67	0.00	0.00	36.95	38.31	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	70.00	1.92	7.72	0.00	0.00	40.86	49.44	5.31	10.62	24.48	####	####	5.87	6.85
1 to 2	108.00	1.79	6.44	0.00	0.00	41.66	49.44	8.19	15.30	31.51	####	####	9.23	10.57
1 to 3	307.00	1.31	3.35	0.00	0.00	42.84	50.04	23.28	31.64	46.65	####	####	26.99	30.40
1 to 4	366.00	1.26	3.04	0.00	0.00	42.99	50.24	27.75	36.30	50.45	####	####	32.29	36.39
1 to 5	661.00	1.17	2.39	0.00	0.00	43.17	50.70	50.11	61.00	71.56	####	####	58.56	66.33
1 to 6	753.00	1.16	2.22	0.00	0.00	43.22	50.77	57.09	68.71	75.90	####	####	66.78	75.67
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	566.00	0.70	0.94	0.00	0.00	28.60	21.72	42.91	31.29	24.10	####	####	33.22	24.33

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	566.00	0.70	0.94	0.00	0.00	28.60	21.72	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-ZZ				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	114.00	1.46	4.88			42.02	48.97	8.11	13.09	20.99	####	####	9.13	10.11
2	76.00	1.20	3.82			42.24	48.97	5.41	7.17	10.96	####	####	6.12	6.74
3	179.00	0.98	2.02			43.50	51.28	12.66	13.72	13.57	####	####	14.76	16.53
4	129.00	0.98	1.72			44.98	50.36	9.17	9.94	8.37	####	####	11.06	11.76
5	284.00	0.96	1.54			42.84	50.36	20.20	21.44	16.50	####	####	23.19	25.90
6	112.00	1.00	1.60			44.98	49.67	7.97	8.81	6.76	####	####	9.60	10.07
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	513.00	0.64	1.18			26.72	20.33	36.49	25.82	22.84	####	####	26.13	18.89
Feed	1406.00	0.90	1.88	0.00	0.00	37.31	39.28	100.00	100.00	100.00	####	####	100.00	100.00
Absolute Cumulative Report														
				Assays							**Distribution**			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	114.00	1.46	4.88	0.00	0.00	42.02	48.97	8.11	13.09	20.99	####	####	9.13	10.11
1 to 2	190.00	1.36	4.46	0.00	0.00	42.11	48.97	13.51	20.26	31.95	####	####	15.25	16.85
1 to 3	363.00	1.17	3.28	0.00	0.00	42.78	50.09	26.17	33.98	45.52	####	####	30.01	33.38
1 to 4	497.00	1.12	2.87	0.00	0.00	43.35	50.16	35.35	43.93	53.89	####	####	41.07	45.14
1 to 5	781.00	1.06	2.39	0.00	0.00	43.17	50.23	55.55	65.37	70.39	####	####	64.27	71.04
1 to 6	893.00	1.06	2.29	0.00	0.00	43.39	50.16	63.51	74.18	77.16	####	####	73.87	81.11
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	513.00	0.64	1.18	0.00	0.00	26.72	20.33	36.49	25.82	22.34	####	####	26.13	18.89
Stage Cumulative Report														
				Assays							**Distribution**			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	513.00	0.64	1.18	0.00	0.00	26.72	20.33	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-23				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	1.00	1.00	1.80			43.88	36.50	0.08	0.10	0.10	####	####	0.10	0.08
2	3.00	1.00	1.80			43.88	36.50	0.25	0.30	0.31	####	####	0.29	0.25
3	28.00	2.56	16.56			33.70	43.51	2.31	7.07	26.37	####	####	2.04	2.73
4	17.00	2.36	9.38			36.92	48.34	1.40	3.96	9.07	####	####	1.36	1.84
5	40.00	2.10	6.28			39.26	45.69	3.30	8.28	14.29	####	####	3.40	4.09
6	24.00	1.88	4.48			40.68	44.96	1.98	4.45	6.11	####	####	2.12	2.42
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	1099.00	0.70	0.70			38.08	36.02	90.68	75.85	43.75	####	####	90.70	88.60
Feed	1212.00	0.84	1.45	0.00	0.00	38.07	36.86	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	1.00	1.00	1.80	0.00	0.00	43.88	36.50	0.08	0.10	0.10	####	####	0.10	0.08
1 to 2	4.00	1.00	1.80	0.00	0.00	43.88	36.50	0.33	0.39	0.41	####	####	0.38	0.33
1 to 3	32.00	2.37	14.72	0.00	0.00	34.97	42.63	2.64	7.46	26.78	####	####	2.43	3.05
1 to 4	49.00	2.36	12.86	0.00	0.00	35.65	44.61	4.04	11.42	35.85	####	####	3.79	4.89
1 to 5	89.00	2.24	9.90	0.00	0.00	37.27	45.10	7.34	19.70	50.13	####	####	7.19	8.98
1 to 6	113.00	2.17	8.75	0.00	0.00	38.00	45.07	9.32	24.15	56.25	####	####	9.30	11.40
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	1099.00	0.70	0.70	0.00	0.00	38.08	36.02	90.68	75.85	43.75	####	####	90.70	88.60

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	1099.00	0.70	0.70	0.00	0.00	38.08	36.02	100.00	100.00	100.00	####	####	100.00	100.00

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Y-6043-24				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	1.00	3.12	5.24			43.00	40.85	0.08	0.30	0.30	####	####	0.09	0.08
2	2.00	3.12	5.24			43.00	40.85	0.16	0.60	0.61	####	####	0.18	0.17
3	171.00	1.20	2.80			41.68	49.31	13.48	19.87	27.79	####	####	14.91	17.32
4	45.00	1.28	2.24			42.94	50.76	3.55	5.58	5.85	####	####	4.04	4.69
5	91.00	1.08	2.08			44.18	51.73	7.17	9.52	10.99	####	####	8.41	9.67
6	147.00	0.86	1.30			45.50	50.52	11.58	12.24	11.09	####	####	13.99	15.25
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	812.00	0.66	0.92			34.38	31.67	63.99	51.89	43.36	####	####	58.39	52.32
Feed	1269.00	0.81	1.36	0.00	0.00	37.68	38.37	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	1.00	3.12	5.24	0.00	0.00	43.00	40.85	0.08	0.30	0.30	####	####	0.09	0.08
1 to 2	3.00	3.12	5.24	0.00	0.00	43.00	40.85	0.24	0.91	0.91	####	####	0.27	0.25
1 to 3	174.00	1.23	2.84	0.00	0.00	41.70	49.16	13.71	20.77	28.71	####	####	15.18	17.57
1 to 4	219.00	1.24	2.72	0.00	0.00	41.96	49.49	17.26	26.35	34.56	####	####	19.22	22.26
1 to 5	310.00	1.19	2.53	0.00	0.00	42.61	50.15	24.43	35.87	45.54	####	####	27.63	31.93
1 to 6	457.00	1.09	2.14	0.00	0.00	43.54	50.27	36.01	48.11	56.64	####	####	41.61	47.18
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	812.00	0.66	0.92	0.00	0.00	34.38	31 67	63.99	51.89	43.36	####	####	58.39	52.82

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	812.00	0.66	0.92	0.00	0.00	34.38	31.67	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-25				**Assays**							**Distribution**			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	2.00	2.40	3.70			44.80	43.99	0.17	0.49	0.43	####	####	0.20	0.20
2	3.00	2.40	3.70			44.80	43.99	0.25	0.73	0.65	####	####	0.29	0.30
3	83.00	1.46	4.84			41.74	50.28	6.95	12.34	23.56	####	####	7.60	9.34
4	56.00	1.04	1.54			42.36	49.31	4.69	5.93	5.06	####	####	5.20	6.18
5	99.00	0.98	2.08			43.20	50.76	8.29	9.88	12.08	####	####	9.38	11.25
6	155.00	0.88	1.68			43.60	50.76	12.98	13.89	15.27	####	####	14.82	17.61
7			1.26					0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	796.00	0.70	0.92			35.30	30.94	66.67	56.74	42.95	####	####	62.50	55.13
Feed	1194.00	0.82	1.43	0.00	0.00	38.18	37.42	100.00	100.00	100.00	####	####	100.00	100.00
Absolute Cumulative Report														
				Assays							**Distribution**			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	2.00	2.40	3.70	0.00	0.00	44.80	43.99	0.17	0.49	0.43	####	####	0.20	0.20
1 to 2	5.00	2.40	3.70	0.00	0.00	44.80	43.99	0.42	1.22	1.08	####	####	0.49	0.49
1 to 3	88.00	1.51	4.78	0.00	0.00	41.91	49.92	7.37	13.56	24.64	####	####	8.09	9.83
1 to 4	144.00	1.33	3.52	0.00	0.00	42.09	49.68	12.06	19.49	29.70	####	####	13.29	16.01
1 to 5	243.00	1.19	2.93	0.00	0.00	42.54	50.12	20.35	29.37	41.78	####	####	22.67	27.26
1 to 6	398.00	1.07	2.44	0.00	0.00	42.95	50.37	33.33	43.26	57.05	####	####	37.50	44.87
7 to 7	0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	796.00	0.70	0.92	0.00	0.00	35.80	30.94	66.67	56.74	42.95	####	####	62.50	55.13
Stage Cumulative Report														
				Assays							**Distribution**			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	1.26	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	796.00	0.70	0.92	0.00	0.00	35.80	30.94	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6045-26				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite 1	2.00	1.60	1.20			46.84	41.82	0.17	0.33	0.15	####	####	0.21	0.18
2	3.00	1.60	1.20			46.84	41.82	0.25	0.49	0.23	####	####	0.31	0.26
3	127.00	1.28	3.20			43.76	49.31	10.50	16.76	25.66	####	####	12.18	13.19
4	82.00	0.92	2.08			43.96	51.00	6.78	7.78	10.77	####	####	7.90	8.81
5	137.00	0.90	1.56			43.42	49.79	11.33	12.71	13.50	####	####	13.04	14.37
6	144.00	0.80	1.20			41.80	50.04	11.91	11.88	10.91	####	####	13.19	15.18
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	714.00	0.68	0.86			33.98	31.91	59.06	50.05	33.78	####	####	53.18	48.00
Feed	1209.00	0.80	1.31	0.00	0.00	37.74	39.26	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	2.00	1.60	1.20	0.00	0.00	46.84	41.82	0.17	0.33	0.15	####	####	0.21	0.18
1 to 2	5.00	1.60	1.20	0.00	0.00	46.84	41.82	0.41	0.82	0.38	####	####	0.51	0.44
1 to 3	132.00	1.29	3.12	0.00	0.00	43.88	49.03	10.92	17.58	26.04	####	####	12.69	13.63
1 to 4	214.00	1.15	2.72	0.00	0.00	43.91	49.78	17.70	25.36	36.81	####	####	20.59	22.45
1 to 5	351.00	1.05	2.27	0.00	0.00	43.72	49.79	29.03	38.07	50.31	####	####	33.63	36.82
1 to 6	495.00	0.98	1.96	0.00	0.00	43.16	49.86	40.94	49.95	61.22	####	####	46.82	52.00
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	714.00	0.68	0.86	0.00	0.00	33.98	31.91	59.06	50.05	38.78	####	####	53.18	48.00

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	714.00	0.68	0.86	0.00	0.00	33.98	31.91	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-27				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	1.00	4.00	3.32			41.92	44.12	0.08	0.37	0.15	####	####	0.09	0.09
2	2.00	4.00	3.32			41.92	44.12	0.16	0.74	0.31	####	####	0.19	0.19
3	86.00	1.34	3.82			41.80	48.97	7.09	10.70	15.19	####	####	8.08	9.01
4	67.00	1.02	2.30			44.48	51.05	5.52	6.34	7.12	####	####	6.70	7.32
5	138.00	0.96	1.96			44.92	50.82	11.38	12.30	12.50	####	####	13.93	15.00
6	99.00	0.94	1.72			45.22	51.28	8.16	8.64	7.87	####	####	10.06	10.86
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	820.00	0.80	1.50			33.08	32.80	67.60	60.90	56.86	####	####	60.95	57.53
Feed	1213.00	0.89	1.78	0.00	0.00	36.69	38.54	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	1.00	4.00	3.32	0.00	0.00	41.92	44.12	0.08	0.37	0.15	####	####	0.09	0.09
1 to 2	3.00	4.00	3.32	0.00	0.00	41.92	44.12	0.25	1.11	0.46	####	####	0.28	0.28
1 to 3	89.00	1.43	3.80	0.00	0.00	41.80	48.81	7.34	11.81	15.65	####	####	8.36	9.29
1 to 4	156.00	1.25	3.16	0.00	0.00	42.95	49.77	12.86	18.16	22.77	####	####	15.06	16.61
1 to 5	294.00	1.12	2.60	0.00	0.00	43.88	50.26	24.24	30.46	35.27	####	####	28.99	31.61
1 to 6	393.00	1.07	2.37	0.00	0.00	44.21	50.52	32.40	39.10	43.14	####	####	39.05	42.47
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	820.00	0.80	1.50	0.00	0.00	33.08	32.80	67.60	60.90	56.86	####	####	60.95	57.53

Stage Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	820.00	0.80	1.50	0.00	0.00	33.08	32.80	100.00	100.00	100.00	####	####	100.00	100.00

B.M..--Metallurgical Laboratory Report

Y-6043-28				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
Pyrite	2.00	1.68	1.72			41.58	49.24	0.16	0.28	0.17	####	####	0.17	0.19
2	3.00	1.68	1.72			41.58	49.24	0.24	0.42	0.26	####	####	0.25	0.29
3	146.00	1.12	1.92			44.62	50.36	11.53	13.70	13.92	####	####	13.23	14.23
4	63.00	1.02	1.94			44.80	49.90	4.98	5.38	6.07	####	####	5.73	6.08
5	165.00	0.94	1.80			45.28	49.90	13.03	13.00	14.75	####	####	15.18	15.93
6	193.00	0.92	1.66			45.88	48.97	15.24	14.88	15.91	####	####	17.99	18.29
7								0.00	0.00	0.00	####	####	0.00	0.00
8								0.00	0.00	0.00	####	####	0.00	0.00
9								0.00	0.00	0.00	####	####	0.00	0.00
10								0.00	0.00	0.00	####	####	0.00	0.00
11								0.00	0.00	0.00	####	####	0.00	0.00
12								0.00	0.00	0.00	####	####	0.00	0.00
Tails	694.00	0.90	1.42			33.66	33.50	54.82	52.34	48.93	####	####	47.45	44.99
Feed	1266.00	0.94	1.59	0.00	0.00	38.89	40.82	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
1 to 1	2.00	1.68	1.72	0.00	0.00	41.58	49.24	0.16	0.28	0.17	####	####	0.17	0.19
1 to 2	5.00	1.68	1.72	0.00	0.00	41.58	49.24	0.39	0.70	0.43	####	####	0.42	0.48
1 to 3	151.00	1.14	1.91	0.00	0.00	44.52	50.32	11.93	14.41	14.35	####	####	13.65	14.70
1 to 4	214.00	1.10	1.92	0.00	0.00	44.60	50.20	16.90	19.79	20.41	####	####	19.39	20.79
1 to 5	379.00	1.03	1.87	0.00	0.00	44.90	50.07	29.94	32.79	35.16	####	####	34.56	36.72
1 to 6	572.00	0.99	1.80	0.00	0.00	45.23	49.70	45.18	47.66	51.07	####	####	52.55	55.01
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	0.00	0.00
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	694.00	0.90	1.42	0.00	0.00	33.66	33.50	54.82	52.34	48.93	####	####	47.45	44.99

Stage Cumulative Report

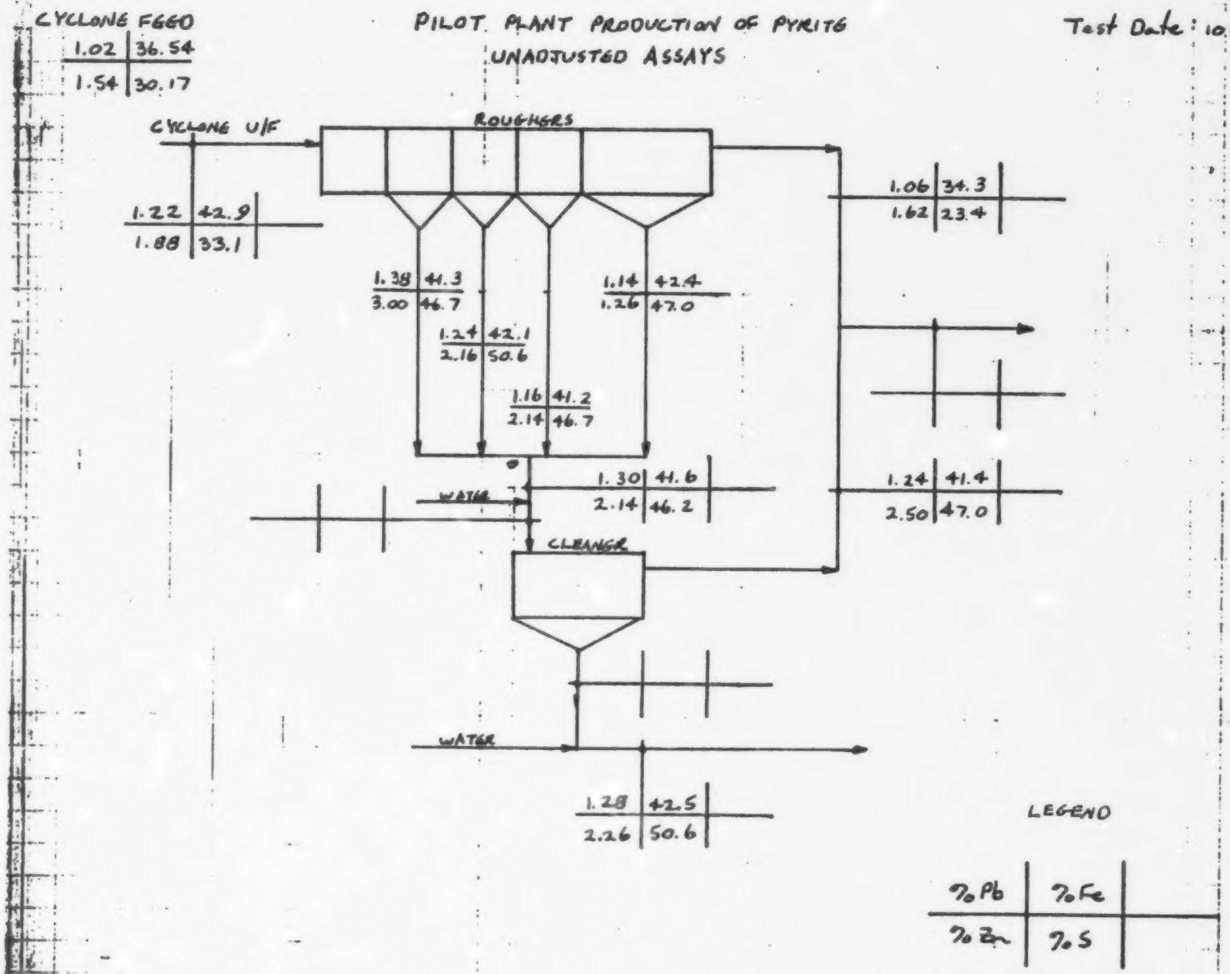
				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	opt Ag	% Fe	% S
7 to 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	####	####	####	####	####
7 to 8	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 9	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 10	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 11	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 12	0.00	###	###	###	###	###	###	0.00	0.00	0.00	####	####	0.00	0.00
7 to 13	694.00	0.90	1.42	0.00	0.00	33.66	33.50	100.00	100.00	100.00	####	####	100.00	100.00

Appendix B

Pilot Plant Production of Pyrite
Unadjusted Data

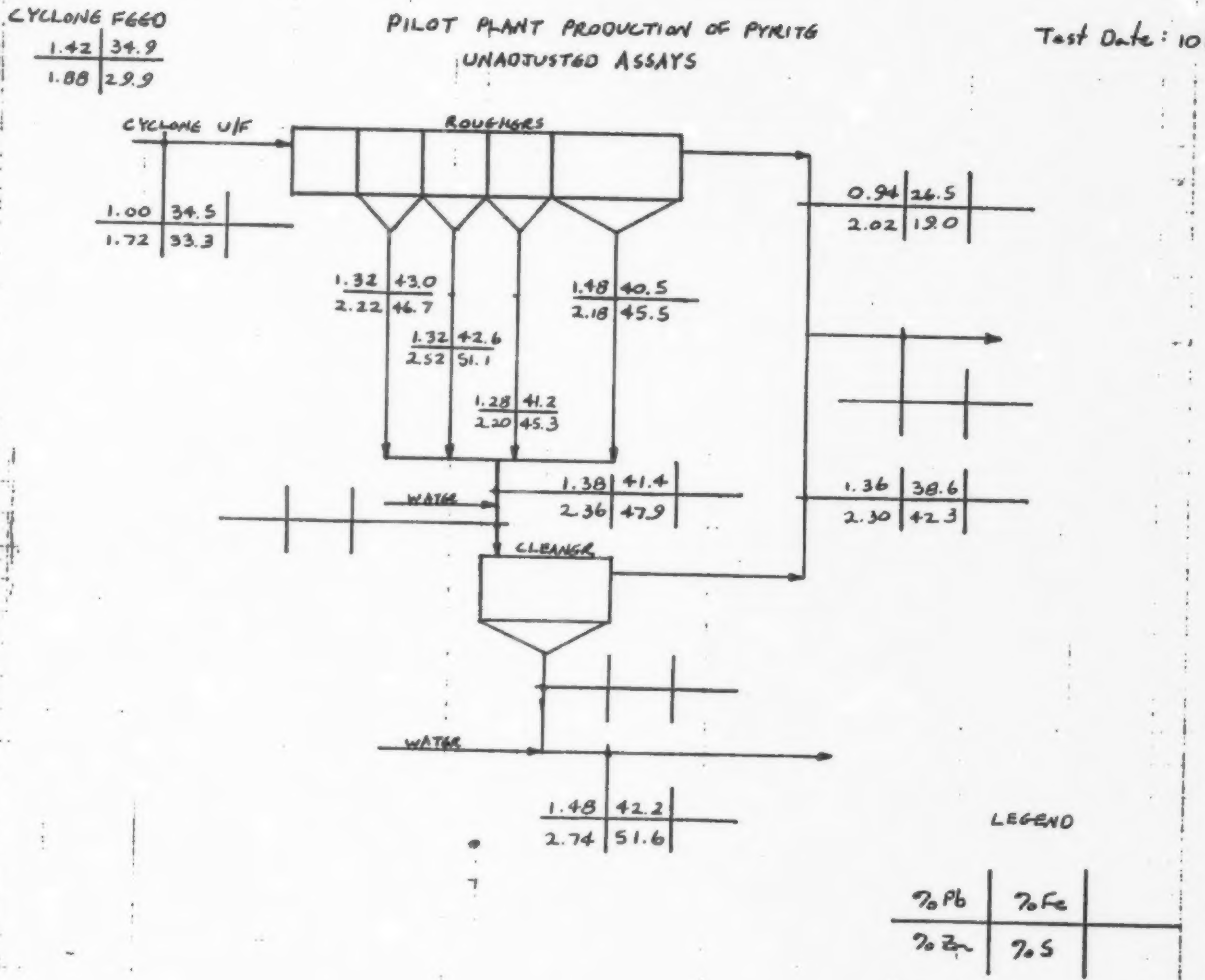
PILOT PLANT PRODUCTION OF PYRITE
UNADJUSTED ASSAYS

Test Date: 10 Dec 86 11:20


CYCLONE FEED
1.02 | 36.54
1.54 | 30.17
CYCLONE U/F
1.22 | 42.9
1.88 | 33.1
ROUGHERS
1.38 | 41.3
3.00 | 46.7
1.24 | 42.1
2.16 | 50.6
1.16 | 41.2
2.14 | 46.7
1.14 | 42.4
1.26 | 47.0
1.06 | 34.3
1.62 | 23.4
WATER
1.30 | 41.6
2.14 | 46.2
1.24 | 41.4
2.50 | 47.0
CLEANER
WATER
1.28 | 42.5
2.26 | 50.6
LEGEND
% Pb | % Fe
% Zn | % S

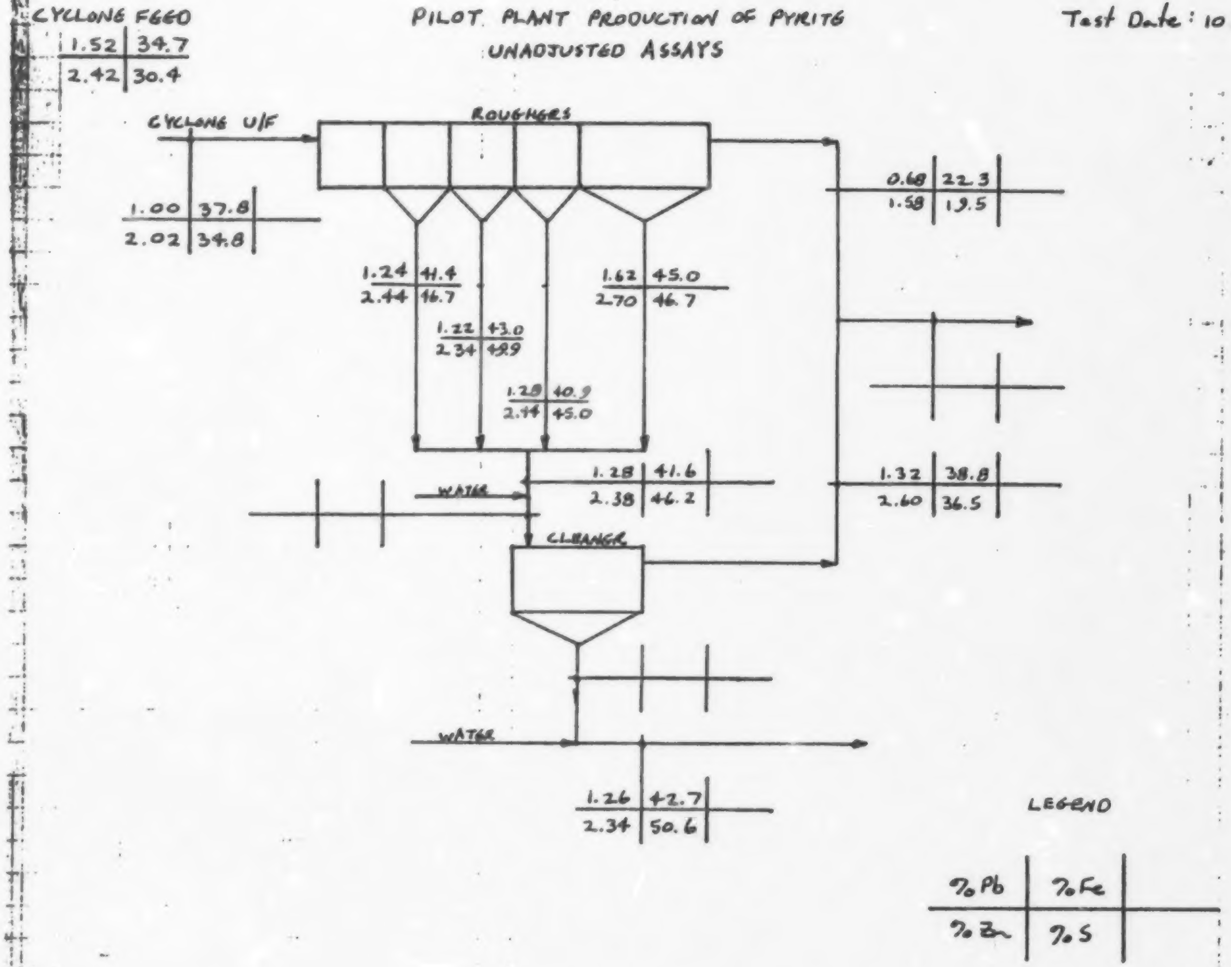
PILOT PLANT PRODUCTION OF PYRITE
UNADJUSTED ASSAYS

Test Date: 10 Dec 86 13:45


CYCLONE FEED
1.42 | 34.9
1.88 | 29.9
CYCLONE U/F
1.00 | 34.5
1.72 | 33.3
ROUGHERS
1.32 | 43.0
2.22 | 46.7
1.32 | 42.6
2.52 | 51.1
1.28 | 41.2
2.20 | 45.3
1.48 | 40.5
2.18 | 45.5
0.94 | 26.5
2.02 | 19.0
WATER
1.38 | 41.4
2.36 | 47.9
CLEANER
1.36 | 38.6
2.30 | 42.3
WATER
1.48 | 42.2
2.74 | 51.6
LEGEND
% Pb | % Fe
% Zn | % S

PILOT PLANT PRODUCTION OF PYRITE
UNADJUSTED ASSAYS

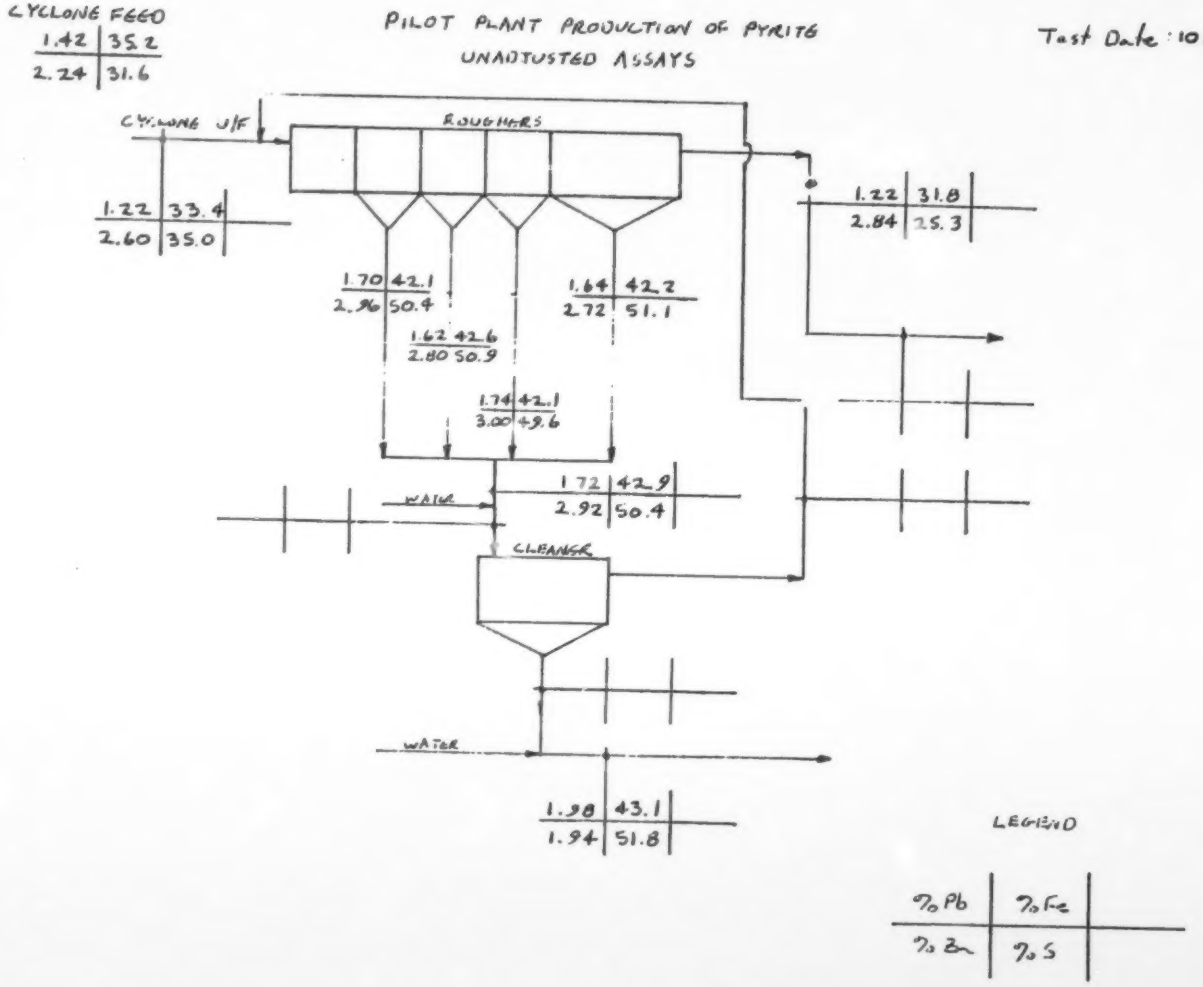
Test Date: 10 Dec 86 17:25



CYCLONE FEED
1.52 | 34.7
2.42 | 30.4
CYCLONE U/F
1.00 | 37.8
2.02 | 34.8
ROUGHERS
1.24 | 41.4
2.44 | 46.7
1.22 | 43.0
2.34 | 48.9
1.28 | 40.9
2.44 | 45.0
1.62 | 45.0
2.70 | 46.7
0.68 | 22.3
1.58 | 19.5
1.28 | 41.6
2.38 | 46.2
WATER
CLEANER
1.32 | 38.8
2.60 | 36.5
WATER
1.26 | 42.7
2.34 | 50.6
LEGEND
%Pb | %Fe
%Zn | %S

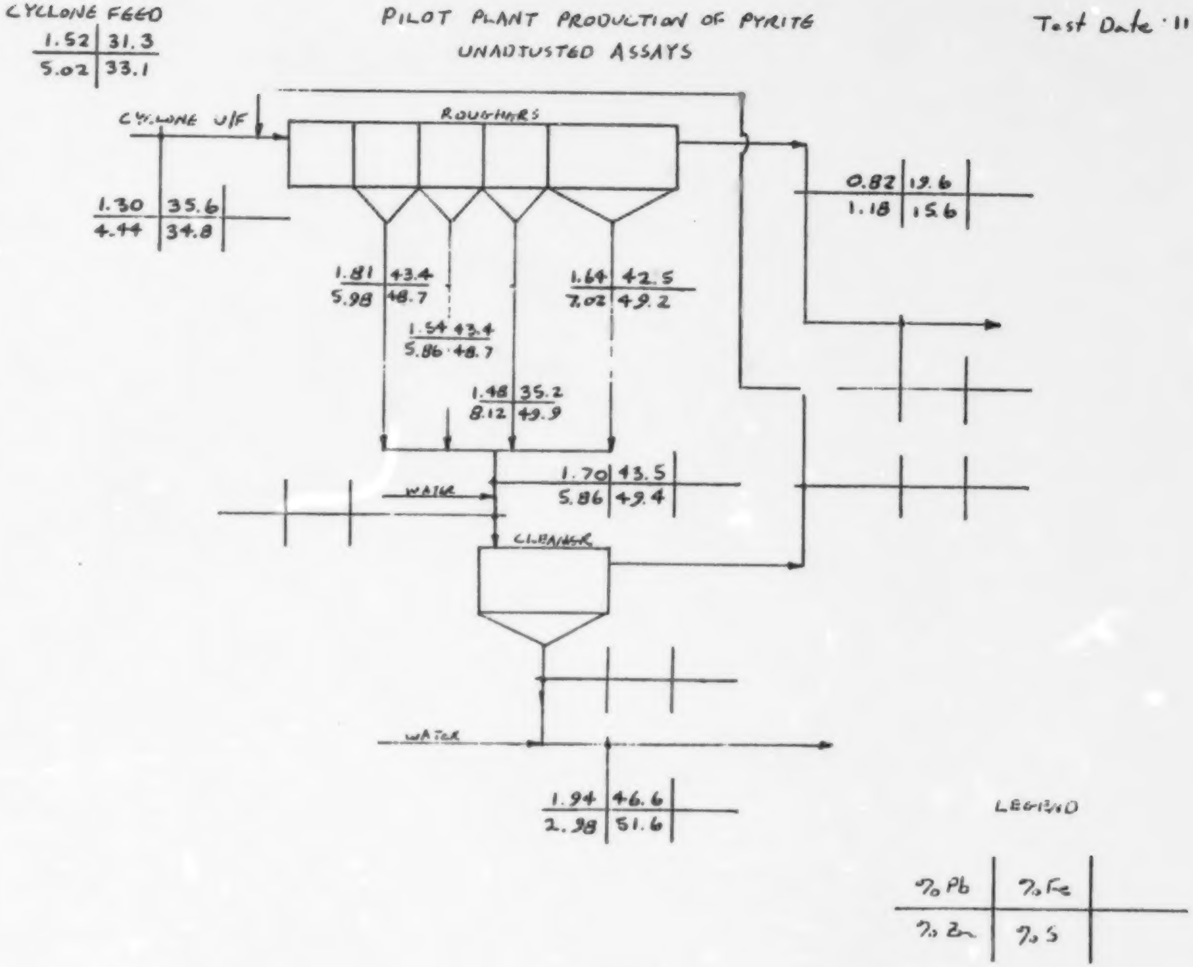
PILOT PLANT PRODUCTION OF PYRITE
UNADJUSTED ASSAYS

Test Date: 10 Dec 86 20:30


CYCLONE FEED
1.42 | 35.2
2.24 | 31.6
CYCLONE U/F
1.22 | 33.4
2.60 | 35.0
ROUGHERS
1.70 | 42.1
2.96 | 50.4
1.62 42.6
2.80 50.9
1.64 | 42.2
2.72 | 51.1
1.74 42.1
3.00 49.6
1.22 | 31.8
2.84 | 25.3
WATER
1.72 | 42.9
2.92 | 50.4
CLEANER
WATER
1.98 | 43.1
1.94 | 51.8
LEGEND
% Pb | % Fe
% Zn | % S

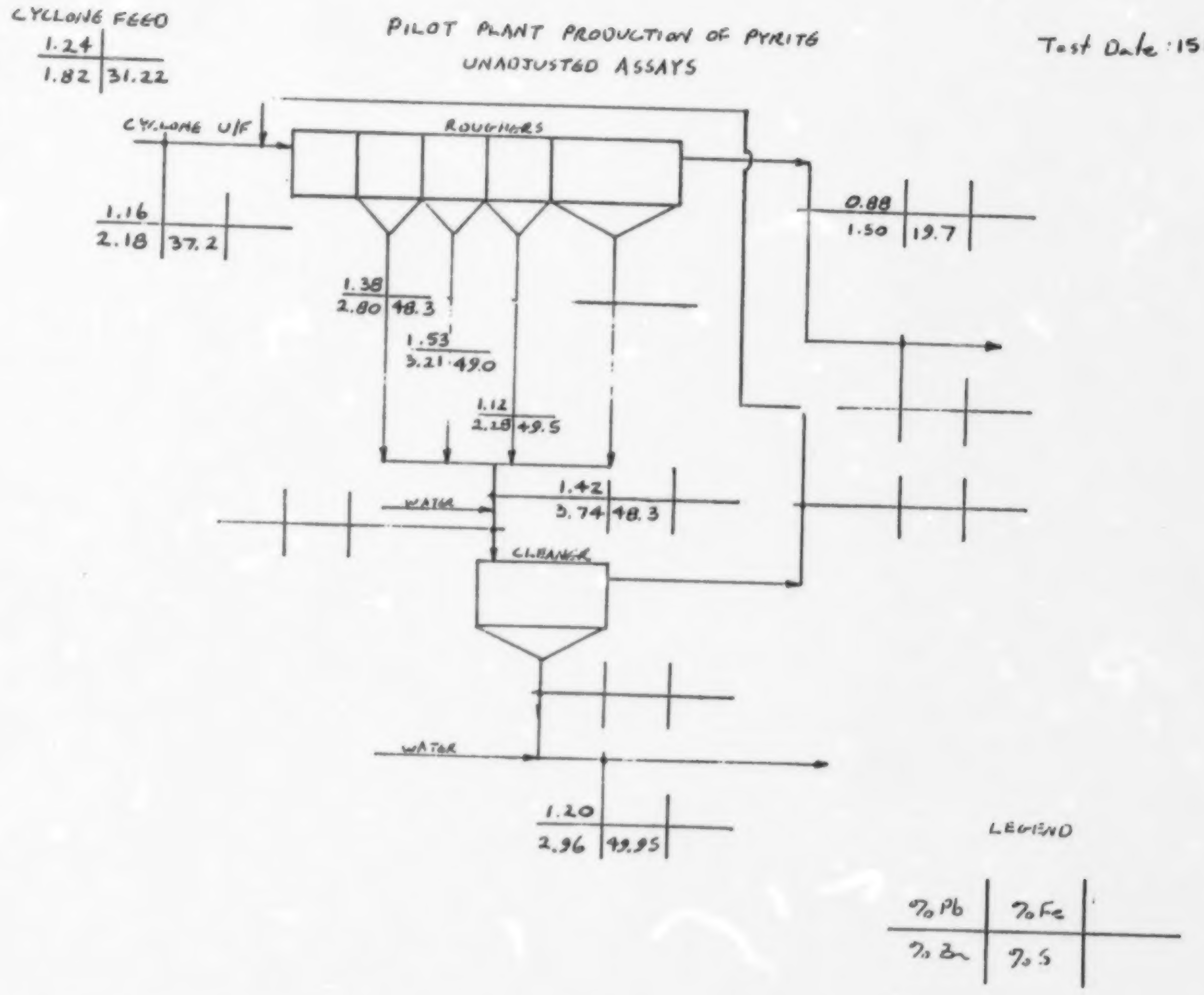
PILOT PLANT PRODUCTION OF PYRITE
UNADJUSTED ASSAYS

Test Date: 11 Dec 86 12:45


CYCLONE FEED
1.52 | 31.3
5.02 | 33.1
CYCLONE U/F
1.30 | 35.6
4.44 | 34.8
ROUGHERS
1.81 | 43.4
5.98 | 48.7
1.54 43.4
5.86 48.7
1.48 | 35.2
8.12 | 49.9
1.64 | 42.5
7.02 | 49.2
0.82 | 19.6
1.18 | 15.6
WATER
1.70 | 43.5
5.86 | 49.4
CLEANER
WATER
1.94 | 46.6
2.98 | 51.6
LEGEND
% Pb | % Fe
% Zn | % S

PILOT PLANT PRODUCTION OF PYRITE
UNADJUSTED ASSAYS

Test Date: 15 Dec 86 15:00


CYCLONE FEED
1.24
1.82
31.22
CYCLONE U/F
1.16
2.18
37.2
ROUGHERS
0.88
1.50
19.7
1.38
2.80
48.3
1.53
3.21
49.0
1.12
2.18
49.5
1.42
3.74
48.3
WATER
CLEANER
WATER
1.20
2.96
49.95
LEGEND
% Pb
% Fe
% Zn
% S

Appendix C

Cyclone Mass Balances and Hydrocyclone Efficiency Results

```
M

----------------------------------------------------  RESULTS
                                                      -------
           Test identification P82-83-84


                      Final value of the criterion 5.311E+00

                 Relative flowrate in %

Feed        : 100
Overflow    : 72.71
Underflow   : 27.29
                                        Feed                            Overflow                           Underflow
                              Meas.  Adj.  %Res   STD  %Crt      Meas.  Adj.  %Res   STD  %Crt      Meas.  Adj.  %Res   STD  %Crt
Dilutions                      3.00  2.89   3.7  1.23   0.2       3.76  3.88  -3.1  1.47   0.1       0.25  0.25  -0.0  0.03   0.0
% Solids                      25.00 25.72  -2.9  0.00   0.0      21.00 20.50   2.4  0.00   0.0      80.00 80.00   0.0  0.00   0.0
-- Size intervals --
+ 100M                         2.50  2.54  -1.6  0.38   0.2       0.14  0.14   0.1  0.02   0.0       9.00  8.94   0.7  0.90   0.1
100/150                        2.70  2.77  -2.5  0.38   0.6       0.53  0.53   0.4  0.08   0.0       8.80  8.74   0.7  0.70   0.2
150/200                        5.30  5.29   0.1  0.69   0.0       2.40  2.40  -0.0  0.36   0.0      13.00 13.00  -0.0  0.91   0.0
200/270                        6.20  6.43  -3.7  0.74   1.8       2.90  2.87   0.9  0.29   0.1      16.00 15.90   0.6  0.96   0.2
270/400                       17.00 14.81  12.9  1.70  31.3       8.30  8.54  -2.9  0.66   2.5      31.00 31.50  -1.6  1.55   1.9
 -400 M                       67.00 67.94  -1.4  5.36   0.6      86.00 85.56   0.5  4.30   0.2      21.00 20.99   0.0  1.05   0.0
 Cone 1                        2.10  2.76 -31.4  0.63  20.6       2.50  2.42   3.0  0.25   1.7       3.80  3.65   3.9  0.57   1.3
 Cone 2                       12.00  8.97  25.3  2.40  30.1       8.50  8.78  -3.3  0.85   2.0       9.20  9.47  -3.0  1.38   0.7
 Cone 3                       12.00 12.09  -0.8  1.20   0.1      15.00 14.95   0.4  1.05   0.0       4.50  4.50   0.1  0.45   0.0
 Cone 4                       11.00 10.75   2.3  1.10   1.0      14.00 14.14  -1.0  0.98   0.4       1.70  1.70  -0.1  0.17   0.0
 Cone 5                        6.20  6.03   2.7  0.62   1.4       8.00  8.10  -1.2  0.56   0.6       0.53  0.53  -0.1  0.05   0.0
<Cone 5                       28.00 28.02  -0.1 99.99   0.0      38.00 37.97   0.1 99.99   0.0       1.50  1.50   0.0 14.98   0.0
-- Chemical elements --
Pb                             0.84  0.89  -6.3  0.13   0.0       0.96  0.94   2.3  0.10   0.0       0.78  0.77   0.7  0.08   0.0
Zn                             1.30  1.47 -12.8  0.19   0.0       1.50  1.43   4.8  0.15   0.0       1.60  1.57   1.9  0.16   0.0
Fe                            29.00 30.82  -6.3  4.35   0.0      30.00 29.37   2.1  3.00   0.0      35.00 34.68   0.9  3.50   0.0
S                             34.00 34.66  -1.9  8.50   0.0      33.00 32.71   0.9  6.60   0.0      40.00 39.84   0.4  8.00   0.0

-- Ch. elem. in size int. --
>> + 100M  <<
Pb                             0.58  0.51  12.1  0.12   0.0       0.54  0.60 -11.3  0.54   0.0       0.48  0.51  -5.4  0.07   0.0
Zn                             1.60  1.31  18.0  0.32   0.0       1.00  1.56 -56.0  1.00   0.0       1.00  1.30 -30.2  0.15   0.0
Fe                             7.50  7.01   6.5  1.50   0.0       6.60  7.34 -11.1  6.60   0.0       6.60  7.00  -6.0  0.99   0.0
S                              5.80  4.62  20.3  2.32   0.0       3.90  3.95  -1.2  3.90   0.0       4.30  4.65  -8.2  2.15   0.0
>> 100/150 <<
Pb                             0.82  0.71  13.0  0.16   0.0       0.54  0.70 -29.7  0.54   0.0       0.68  0.72  -5.2  0.10   0.0
Zn                             2.00  1.76  12.0  0.40   0.0       1.00  1.81 -80.5  1.00   0.0       1.50  1.75 -16.9  0.22   0.0
Fe                            12.00 11.10   7.5  2.40   0.0       6.60  8.09 -22.6  6.60   0.0      11.00 11.58  -5.3  1.65   0.0
S                              8.70  8.78  -0.9  3.48   0.0       3.90  3.90   0.1  3.90   0.0       9.60  9.57   0.3  4.80   0.0
>> 150/200 <<
Pb                             0.78  0.76   2.9  0.16   0.0       0.48  0.49  -1.3  0.14   0.0       0.88  0.89  -1.2  0.13   0.0
Zn                             2.10  1.98   5.5  0.42   0.0       1.00  1.14 -13.5  0.30   0.0       2.10  2.40 -14.4  0.31   0.0
Fe                            20.00 19.40   3.0  4.00   0.0       6.00  6.11  -1.8  1.80   0.0      25.00 25.94  -3.8  3.75   0.0
S                             21.00 20.25   3.6  8.40   0.0       3.70  3.71  -0.3  3.33   0.0      28.00 28.38  -1.4 14.00   0.0
```

Cont....

```
                                        Feed                                Overflow                              Underflow
                            Meas.  Adj.  %Res   STD  %Crt       Meas.  Adj.  %Res   STD  %Crt       Meas.  Adj.  %Res   STD  %Crt
 -- Ch. elem. in size int. --
 >> 200/270 <<
 Pb
                             0.80  0.78   2.2  0.16  0.0         0.52  0.52  -0.4  0.09  0.0         0.90  0.91  -0.9  0.13  0.0
 Zn                          1.70  1.67   1.5  0.34  0.0         0.98  1.00  -1.9  0.18  0.0         1.90  2.00  -5.3  0.28  0.0
 Fe                         30.00 30.01  -0.0  6.00  0.0         9.30  9.30   0.0  1.67  0.0        40.00 39.98   0.0  6.00  0.0
 S                          33.00 32.82   0.5 13.20  0.0         7.40  7.40  -0.0  4.44  0.0        45.00 45.07  -0.2 22.50  0.0
 >> 270/400 <<
 Pb
                             0.70  0.71  -1.6  0.14  0.0         0.68  0.68   0.4  0.10  0.0         0.74  0.74   0.6  0.11  0.0
 Zn                          1.30  1.29   0.7  0.26  0.0         1.30  1.34  -3.4  0.19  0.0         1.20  1.25  -4.4  0.18  0.0
 Fe                         33.00 33.33  -1.0  6.60  0.0        22.00 21.60   1.8  3.30  0.0        44.00 41.80   5.0  6.60  0.0
 S                          38.00 38.74  -2.0 15.20  0.0        24.00 23.88   0.5 14.40  0.0        50.00 49.48   1.0 25.00  0.0
 >>  -400 M <<
 Pb
                             0.92  0.99  -7.4  0.14  0.0         1.10  1.01   8.1  0.16  0.0         0.74  0.74   0.2  0.07  0.0
 Zn                          1.40  1.40  -0.3  0.21  0.0         1.80  1.42  20.9  0.27  0.0         1.20  1.19   0.6  0.12  0.0
 Fe                         34.00 33.97   0.1  5.10  0.0        32.00 33.22  -3.8  4.80  0.0        42.00 42.09  -0.2  4.20  0.0
 S                          37.00 36.98   0.0 14.80  0.0        36.00 36.06  -0.2 21.60  0.0        47.00 47.01  -0.0 28.20  0.0
 >>  Cone 1 <<
 Pb
                             0.58  0.64 -11.1  0.29  0.0         0.74  0.70   5.8  0.30  0.0         0.56  0.55   1.4  0.17  0.0
 Zn                          0.84  0.91  -8.3  0.42  0.0         1.20  0.95  20.8  0.48  0.0         0.88  0.84   4.8  0.26  0.0
 Fe                         43.00 43.42  -1.0 21.50  0.0        42.00 41.50   1.2 16.80  0.0        47.00 46.80   0.4 14.10  0.0
 S                          50.00 49.38   1.2 35.00  0.0        49.00 49.02  -0.0 34.30  0.0        50.00 50.01  -0.0 30.00  0.0
 >>  Cone 2 <<
 Pb
                             0.54  0.61 -13.7  0.27  0.0         0.68  0.63   7.9  0.27  0.0         0.60  0.58   2.8  0.24  0.0
 Zn                          0.90  0.93  -3.2  0.45  0.0         1.30  0.91  30.4  0.52  0.0         1.10  0.99  10.4  0.44  0.0
 Fe                         44.00 44.06  -0.1 22.00  0.0        44.00 43.73   0.6 17.60  0.0        45.00 44.88   0.3 18.00  0.0
 S                          50.00 50.00   0.0 35.00  0.0        50.00 50.00   0.0 35.00  0.0        50.00 50.00   0.0 30.00  0.0
 >>  Cone 3 <<
 Pb
                             0.46  0.55 -18.8  0.14  0.0         0.60  0.54   9.8  0.12  0.0         0.60  0.59   1.1  0.12  0.0
 Zn                          0.72  0.74  -2.9  0.22  0.0         1.30  0.70  46.5  0.26  0.0         1.20  1.14   4.8  0.24  0.0
 Fe                         36.00 35.93   0.2 10.80  0.0        35.00 35.46  -1.3  7.00  0.0        40.00 40.07  -0.2  8.00  0.0
 S                          40.00 39.10   2.2 24.00  0.0        38.00 38.43  -1.1 30.40  0.0        45.00 45.04  -0.1 27.00  0.0
 >>  Cone 4 <<
 Pb
                             0.42  0.47 -10.8  0.10  0.0         0.48  0.46   4.3  0.07  0.0         0.60  0.60   0.4  0.12  0.0
 Zn                          0.66  0.68  -3.1  0.16  0.0         1.20  0.66  44.7  0.18  0.0         1.10  1.06   3.3  0.22  0.0
 Fe                         31.00 31.17  -0.6  7.75  0.0        32.00 31.00   3.1  4.80  0.0        35.00 34.90   0.3  7.00  0.0
 S                          35.00 35.15  -0.4 15.75  0.0        35.00 34.98   0.1 10.50  0.0        39.00 39.00   0.0 23.40  0.0
 >>  Cone 5 <<
 Pb
                             0.46  0.49  -6.9  0.11  0.0         0.50  0.49   2.6  0.07  0.0         0.68  0.68   0.2  0.14  0.0
 Zn                          0.90  0.91  -1.6  0.22  0.0         1.00  0.92   7.8  0.15  0.0         0.60  0.60   0.2  0.12  0.0
 Fe                         30.00 30.29  -1.0  7.50  0.0        31.00 30.28   2.3  4.65  0.0        31.00 30.97   0.1  6.20  0.0
 S                          32.00 32.88  -2.8 17.60  0.0        33.00 32.93   0.2 11.55  0.0        31.00 31.00   0.0 18.60  0.0
 >> <Cone 5 <<
 Pb
                             1.50  1.63  -8.7 14.98  0.0         1.80  1.62  10.2 17.98  0.0         2.60  2.59   0.2 25.97  0.0
 Zn                          2.30  2.31  -0.4 22.98  0.0         2.50  2.31   7.8 24.97  0.0         2.60  2.60   0.1 25.97  0.0
 Fe                         31.00 30.73   0.9 99.99  0.0        28.00 30.64  -9.4 99.99  0.0        37.00 37.07  -0.2 99.99  0.0
 S                          34.00 32.99   3.0 99.99  0.0        32.00 32.80  -2.5 99.99  0.0        46.00 46.02  -0.1 99.99  0.0
```

	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.0	1.1	0.9	2.4	2.3	2.6	63.2	59.6	72.8	33.4	37.0	23.7	66.6	63.0	76.3	1.3	1.5	0.7
+ 100M	0.6	0.7	0.6	2.2	2.6	2.1	7.3	5.8	7.4	90.0	91.0	89.9	10.0	9.0	10.1	3.5	4.5	3.5
100/150	0.8	0.8	0.8	2.9	3.0	2.9	14.6	5.4	16.1	81.7	90.8	80.2	18.3	9.2	19.8	4.1	5.4	3.9
150/200	0.9	0.6	1.0	3.3	1.9	3.9	35.8	5.8	50.6	60.1	91.8	44.4	39.9	8.2	55.6	2.6	3.3	2.2
200/270	0.9	0.6	1.0	2.7	1.6	3.3	59.6	12.8	82.1	36.8	85.0	13.5	63.2	15.0	86.5	2.1	3.3	1.6
270/400	0.8	0.8	0.8	2.1	2.2	2.1	71.0	43.2	91.1	26.0	53.8	6.0	74.0	46.2	94.0	0.2	1.4	-0.7
-400 M	1.1	1.2	0.9	2.3	2.3	2.0	67.6	65.8	86.6	29.0	30.7	10.6	71.0	69.3	89.4	2.4	2.5	1.7
Cone 1	0.7	0.8	0.6	1.5	1.6	1.4	91.3	90.6	92.5	6.5	7.1	5.4	93.5	92.9	94.6	0.9	-0.7	3.7
Cone 2	0.7	0.7	0.7	1.5	1.5	1.6	92.4	92.4	92.4	5.3	5.3	5.3	94.7	94.7	94.7	1.0	0.7	1.8
Cone 3	0.6	0.6	0.7	1.2	1.1	1.9	72.3	71.0	83.0	25.9	27.2	14.5	74.1	72.8	85.5	2.3	2.4	1.4
Cone 4	0.5	0.5	0.7	1.1	1.1	1.7	64.9	64.6	71.7	33.4	33.7	25.8	66.6	66.3	74.2	0.9	0.9	1.4
Cone 5	0.6	0.6	0.8	1.5	1.5	1.0	60.5	60.6	57.2	37.5	37.4	41.0	62.5	62.6	59.0	2.1	2.0	4.3
<Cone 5	1.9	1.9	3.0	3.8	3.8	4.3	59.1	58.7	82.9	35.3	35.6	-9.9	64.7	64.4	90.1	3.0	3.1	-1.7

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 2.4 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	27.3	0.0	23.7	0.0	29.2	0.0	31.5	0.0	19.4	0.0	31.2
+ 100M	180.0	96.0	180.0	95.3	180.0	95.2	180.0	96.8	180.0	96.0	180.0	96.4
100/150	126.0	86.1	126.0	86.4	126.0	85.8	126.0	94.8	126.0	84.6	126.0	93.0
150/200	89.0	67.0	89.0	78.8	89.0	81.1	89.0	94.7	89.0	49.6	89.0	93.2
200/270	63.0	67.5	63.0	78.3	63.0	80.6	63.0	93.0	63.0	24.8	63.0	92.3
270/400	45.0	58.1	45.0	60.0	45.0	56.3	45.0	74.5	45.0	13.3	45.0	73.8
-400 M	-37.0	8.4	-37.0	6.3	-37.0	7.2	-37.0	10.8	-37.0	3.1	-37.0	10.6
Cone 1	27.4	36.1	20.6	30.9	30.6	33.2	26.5	36.6	41.3	30.3	26.5	36.5
Cone 2	20.7	28.8	15.6	27.4	23.2	30.6	20.1	28.8	31.3	28.8	20.1	28.8
Cone 3	16.2	10.1	11.3	11.0	16.7	15.6	14.5	11.6	22.5	5.7	14.5	11.7
Cone 4	12.1	4.3	8.1	5.5	12.1	6.8	10.4	4.8	16.3	3.3	10.4	4.8
Cone 5	9.7	2.4	6.3	3.3	9.3	1.6	8.0	2.3	12.5	2.6	8.0	2.3
<Cone 5	-9.1	1.5	-6.3	2.3	-9.3	1.6	-8.0	2.0	-12.5	0.4	-8.0	2.0

```
                                    RESULTS
                                    -------

         Test identification P 85-86-87



                    Final value of the criterion 1.820E+00

              Relative flowrate in %

 Feed         : 100
 Overflow     : 64.51
 Underflow    : 35.49

                             Feed                              Overflow                          Underflow
                   Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt
 Dilutions          2.57  2.67  -4.0  0.95   0.6     4.26  4.02   5.8  1.83   1.0     0.23  0.23   0.0  0.03   0.0
 % Solids          28.00 27.22   2.8  0.00   0.0   •19.00 19.93  -4.9  0.00   0.0    81.00 81.00  -0.0  0.00   0.0
 -- Size intervals --
 + 100M             1.90  2.07  -8.8  0.28  19.1     0.05  0.05   0.1  0.01   0.0     6.00  5.74   4.4  0.60  10.6
 100/150            2.40  2.34   2.3  0.34   1.5     0.20  0.20  -0.1  0.03   0.0     6.20  6.24  -0.7  0.50   0.4
 150/200            4.90  5.06  -3.2  0.64   3.3     1.30  1.29   0.7  0.19   0.1    12.00 11.90   0.8  0.84   0.7
 200/270            6.00  6.19  -3.1  0.72   3.8     2.50  2.49   0.6  0.25   0.2    13.00 12.92   0.6  0.78   0.6
 270/400           16.00 15.00   6.3  1.60  21.6     5.40  5.45  -0.9  0.43   0.7    32.00 32.36  -1.1  1.60   2.7
  -400 M           69.00 69.55  -0.8  5.52   0.5    91.00 90.76   0.3  4.55   0.2    31.00 30.98   0.0  1.55   0.0
  Cone 1            2.10  1.66  20.9  0.63  26.6     0.99  1.00  -0.7  0.10   0.3     2.80  2.87  -2.5  0.42   1.5
  Cone 2            7.90  7.70   2.5  1.58   0.9     3.60  3.61  -0.2  0.36   0.0    15.00 15.14  -1.0  2.25   0.2
  Cone 3           13.00 13.25  -1.9  1.30   2.0    16.00 15.88   0.7  1.12   0.6     8.50  8.46   0.4  0.85   0.1
  Cone 4           11.00 11.05  -0.4  1.10   0.1    16.00 15.97   0.2  1.12   0.0     2.10  2.10   0.0  0.21   0.0
  Cone 5            6.40  6.41  -0.1  0.64   0.0     9.60  9.60   0.0  0.67   0.0     0.61  0.61   0.0  0.06   0.0
 <Cone 5           29.00 29.01  -0.0 99.99   0.0    44.00 43.98   0.0 99.99   0.0     1.80  1.80   0.0 17.98   0.0
 -- Chemical elements --
 Pb                 0.64  0.86 -35.0  0.10   0.0     1.10  0.91  17.2  0.11   0.0     0.84  0.78   7.2  0.08   0.0
 Zn                 1.60  1.76 -10.0  0.24   0.0     1.70  1.65   3.0  0.17   0.0     2.00  1.96   2.0  0.20   0.0
 Fe                33.00 34.69  -5.1  4.95   0.0    33.00 32.52   1.5  3.30   0.0    39.00 38.63   1.0  3.90   0.0
 S                 37.00 35.79   3.3  9.25   0.0    34.00 34.42  -1.2  6.80   0.0    38.00 38.29  -0.8  7.60   0.0

 -- Ch. elem. in size int. --
 >> + 100M  <<
 Pb                 0.48  0.50  -5.1  0.10   0.0     0.56  0.55   2.3  0.56   0.0     0.52  0.50   3.1  0.08   0.0
 Zn                 0.92  0.96  -4.6  0.18   0.0     0.96  0.89   7.6  0.96   0.0     1.10  0.96  12.4  0.16   0.0
 Fe                11.00 12.67 -15.2  2.20   0.0    15.00 12.40  17.3 15.00   0.0    18.00 12.68  29.6  2.70   0.0
 S                 13.00 12.17   6.4  5.20   0.0    12.00 12.01  -0.1 12.00   0.0    12.00 12.18  -1.5  6.00   0.0
 >> 100/150 <<
 Pb                 0.56  0.62 -11.1  0.11   0.0     0.56  0.47  15.4  0.56   0.0     0.68  0.63   7.2  0.10   0.0
 Zn                 0.98  1.08  -9.9  0.20   0.0     0.96  0.47  50.6  0.96   0.0     1.70  1.11  34.5  0.25   0.0
 Fe                15.00 16.03  -6.9  3.00   0.0    15.00 11.90  20.7 15.00   0.0    18.00 16.28   9.6  2.70   0.0
 S                 13.00 12.95   0.4  5.20   0.0    12.00 12.00  -0.0 12.00   0.0    13.00 13.01  -0.1  6.50   0.0
 >> 150/200 <<
 Pb                 0.54  0.67 -23.3  0.11   0.0     0.56  0.51   9.0  0.17   0.0     0.84  0.70  17.1  0.13   0.0
 Zn                 2.20  2.26  -2.8  0.44   0.0     0.96  0.93   3.4  0.29   0.0     2.90  2.52  13.0  0.44   0.0
 Fe                23.00 24.51  -6.5  4.60   0.0    15.00 14.47   3.5  4.50   0.0    29.00 26.48   8.7  4.35   0.0
 S                 26.00 25.50   1.9 10.40   0.0    12.00 12.02  -0.2 10.80   0.0    28.00 28.16  -0.6 14.00   0.0
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Cont....

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                                        Feed                                   Overflow                                  Underflow
                             Meas.  Adj.  %Res   STD  %Crt        Meas.  Adj.  %Res   STD  %Crt        Meas.  Adj.  %Res   STD  %Crt
 -- Ch. elem. in size int. --
 >> 200/270 <<
 Pb                           0.56  0.68 -21.0  0.11  0.0          0.46  0.44   3.6  0.08  0.0          0.88  0.76  13.7  0.13  0.0
 Zn                           3.00  2.77   7.6  0.60  0.0          0.52  0.53  -2.5  0.09  0.0          2.80  3.56 -27.0  0.42  0.0
 Fe                          31.00 31.48  -1.5  6.20  0.0         12.00 11.97   0.3  2.16  0.0         39.00 38.30   1.8  5.85  0.0
 S                           35.00 34.17   2.4 14.00  0.0          8.10  8.11  -0.1  4.86  0.0         43.00 43.28  -0.7 21.50  0.0
 >> 270/400 <<
 Pb                           0.60  0.67 -11.6  0.12  0.0          0.54  0.53   1.4  0.08  0.0          0.76  0.71   6.3  0.11  0.0
 Zn                           1.40  1.42  -1.6  0.29  0.0          0.98  0.95   3.2  0.15  0.0          2.00  1.57  21.6  0.30  0.0
 Fe                          35.00 35.34  -1.0  7.00  0.0         15.00 14.91   0.6  2.25  0.0         44.00 41.59   5.5  6.60  0.0
 S                           43.00 38.49  10.5 17.20  0.0          9.00  9.04  -0.5  5.40  0.0         45.00 47.51  -5.6 22.50  0.0
 >>  -400 M <<
 Pb                           0.72  0.85 -17.5  0.11  0.0          1.10  0.85  22.5  0.16  0.0          0.82  0.81   1.4  0.08  0.0
 Zn                           1.60  1.60   0.0  0.24  0.0          1.60  1.64  -2.3  0.24  0.0          1.40  1.40  -0.2  0.14  0.0
 Fe                          36.00 36.07  -0.2  5.40  0.0         37.00 34.45   6.9  5.55  0.0         45.00 44.68   0.7  4.50  0.0
 S                           39.00 38.71   0.7 15.60  0.0         36.00 36.91  -2.5 21.60  0.0         48.00 48.30  -0.6 28.80  0.0
 >>  Cone 1 <<
 Pb                           1.00  0.69  30.7  0.50  0.0          0.64  0.83 -30.5  0.64  0.0          0.58  0.60  -3.9  0.17  0.0
 Zn                           0.82  0.87  -6.3  0.41  0.0          1.80  0.88  51.2  1.80  0.0          0.90  0.87   3.6  0.27  0.0
 Fe                          43.00 44.49  -3.5 21.50  0.0         45.00 40.18  10.7 45.00  0.0         48.00 47.22   1.6 14.40  0.0
 S                           50.00 48.85   2.3 35.00  0.0         47.00 47.03  -0.1 47.00  0.0         50.00 50.02  -0.0 30.00  0.0
 >>  Cone 2 <<
 Pb                           0.66  0.64   3.2  0.33  0.0          0.64  0.66  -3.7  0.64  0.0          0.62  0.63  -1.3  0.25  0.0
 Zn                           0.95  0.97  -2.2  0.47  0.0          1.80  0.70  61.1  1.80  0.0          1.30  1.09  16.3  0.52  0.0
 Fe                          39.00 39.88  -2.2 19.50  0.0         45.00 33.83  24.8 45.00  0.0         47.00 42.50   9.6 18.80  0.0
 S                           49.00 49.71  -1.5 34.30  0.0         47.00 46.92   0.2 47.00  0.0         51.00 50.92   0.2 30.60  0.0
 >>  Cone 3 <<
 Pb                           0.76  0.61  19.9  0.23  0.0          0.54  0.57  -4.9  0.11  0.0          0.74  0.75  -2.0  0.15  0.0
 Zn                           1.10  1.12  -1.7  0.33  0.0          1.20  1.03  14.1  0.24  0.0          1.50  1.42   5.2  0.30  0.0
 Fe                          35.00 36.00  -2.9 10.50  0.0         39.00 33.94  13.0  7.80  0.0         45.00 43.03   4.4  9.00  0.0
 S                           39.00 41.61  -6.7 23.40  0.0         41.00 39.54   3.6 32.80  0.0         49.00 48.66   0.7 29.40  0.0
 >>  Cone 4 <<
 Pb                           0.74  0.61  18.1  0.18  0.0          0.56  0.59  -4.6  0.08  0.0          0.88  0.89  -0.9  0.18  0.0
 Zn                           1.30  1.23   5.6  0.32  0.0          0.98  1.23 -25.9  0.15  0.0          1.10  1.14  -3.7  0.22  0.0
 Fe                          32.00 33.08  -3.4  8.00  0.0         37.00 32.63  11.8  5.55  0.0         40.00 39.34   1.6  8.00  0.0
 S                           34.00 37.55 -10.4 15.30  0.0         38.00 37.39   1.6 11.40  0.0         40.00 39.80   0.5 24.00  0.0
 >>  Cone 5 <<
 Pb                           0.60  0.58   3.2  0.15  0.0          0.56  0.57  -1.1  0.08  0.0          1.00  1.00  -0.1  0.20  0.0
 Zn                           1.00  0.90   9.6  0.25  0.0          0.70  0.88 -25.9  0.10  0.0          1.50  1.55  -3.4  0.30  0.0
 Fe                          32.00 32.81  -2.5  8.00  0.0         35.00 32.60   6.8  5.25  0.0         39.00 38.81   0.5  7.80  0.0
 S                           37.00 33.29  10.0 20.35  0.0         33.00 33.23  -0.7 11.55  0.0         35.00 35.03  -0.1 21.00  0.0
 >> <Cone 5 <<
 Pb                           0.71  0.87 -22.1  7.09  0.0          1.80  0.82  54.7 17.98  0.0          3.20  3.13   2.2 31.97  0.0
 Zn                           2.30  2.29   0.3 22.98  0.0          2.10  2.28  -8.6 20.98  0.0          2.90  2.91  -0.3 28.97  0.0
 Fe                          38.00 37.83   0.5 99.99  0.0         36.00 37.93  -5.4 99.99  0.0         33.00 33.04  -0.1 99.99  0.0
 S                           38.00 34.11  10.2 99.99  0.0         32.00 34.07  -6.5 99.99  0.0         36.00 36.06  -0.2 99.99  0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.0	1.1	0.9	2.9	2.7	3.2	65.0	62.6	69.5	31.1	33.7	26.3	68.9	66.3	73.7	4.3	3.3	6.1
+ 100M	0.6	0.6	0.6	1.6	1.5	1.6	21.7	21.5	21.7	76.1	76.4	76.1	23.9	23.6	23.9	2.5	2.3	2.5
100/150	0.7	0.5	0.7	1.8	0.8	1.8	23.0	21.9	23.1	74.5	76.8	74.3	25.5	23.2	25.7	5.2	1.7	5.4
150/200	0.8	0.6	0.8	3.7	1.5	4.1	45.4	21.5	50.1	50.1	76.4	45.0	49.9	23.6	55.0	3.2	4.4	2.9
200/270	0.8	0.5	0.9	4.5	0.9	5.8	61.1	14.5	77.4	33.5	84.1	15.9	66.5	15.9	84.1	2.8	5.2	1.9
270/400	0.8	0.6	0.8	2.3	1.6	2.6	70.4	15.9	87.1	26.4	82.0	9.5	73.6	18.0	90.5	2.4	7.4	0.9
-400 M	1.0	1.0	0.9	2.6	2.7	2.3	70.6	67.2	88.8	25.8	29.1	8.0	74.2	70.9	92.0	3.1	3.0	3.3
Cone 1	0.8	1.0	0.7	1.4	1.4	1.4	90.3	86.9	92.5	7.4	10.7	5.4	92.6	89.3	94.6	2.4	-0.3	4.1
Cone 2	0.7	0.8	0.7	1.6	1.1	1.8	91.8	86.9	94.0	5.8	11.2	3.5	94.2	88.8	96.5	-2.9	-6.6	-1.3
Cone 3	0.7	0.7	0.9	1.8	1.7	2.3	76.6	72.8	89.4	20.9	24.9	7.4	79.1	75.1	92.6	0.3	-0.0	1.3
Cone 4	0.7	0.7	1.0	2.0	2.0	1.9	68.9	68.6	73.1	28.4	28.7	24.0	71.6	71.3	76.0	0.9	0.6	5.2
Cone 5	0.7	0.7	1.2	1.5	1.4	2.5	61.2	61.1	63.8	36.6	36.8	32.5	63.4	63.2	67.5	4.3	4.1	9.0
<Cone 5	1.0	0.9	3.6	3.8	3.7	4.8	61.4	61.3	63.8	33.8	34.0	27.8	66.2	66.0	72.2	9.0	9.2	3.1

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 3.1 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	35.5	0.0	32.0	0.0	39.6	0.0	37.9	0.0	30.1	0.0	37.9
+ 100M	180.0	98.4	180.0	98.3	180.0	98.6	180.0	98.5	180.0	98.4	180.0	98.5
100/150	126.0	94.5	126.0	95.8	126.0	97.6	126.0	94.8	126.0	94.3	126.0	95.0
150/200	89.0	83.5	89.0	87.4	89.0	93.2	89.0	92.2	89.0	74.9	89.0	92.2
200/270	63.0	74.1	63.0	83.0	63.0	95.0	63.0	93.8	63.0	35.1	63.0	93.8
270/400	45.0	76.6	45.0	81.4	45.0	84.4	45.0	94.7	45.0	27.4	45.0	94.3
-400 M	-37.0	15.8	-37.0	15.1	-37.0	13.9	-37.0	19.9	-37.0	4.9	-37.0	19.6
Cone 1	[illegible]	61.3	20.6	53.3	30.6	61.0	26.5	62.8	41.3	44.1	26.5	62.7
Cone 2	20.8	69.8	15.6	68.6	23.2	78.2	20.1	71.4	31.3	41.8	20.1	71.5
Cone 3	15.8	22.7	11.3	28.1	16.7	28.8	14.5	26.5	22.5	8.0	14.5	26.5
Cone 4	11.9	6.7	8.1	9.9	12.1	6.3	10.4	7.2	16.3	5.7	10.5	7.2
Cone 5	9.5	3.4	6.3	5.8	9.3	5.8	8.0	3.5	12.5	3.0	8.0	3.6
<Cone 5	-9.4	2.2	-6.3	8.0	-9.3	2.8	-8.0	2.3	-12.5	1.8	-8.1	2.4

M

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                                     RESULTS
                                     -------
         Test identification Test 88-89-90


                     Final value of the criterion 4.450E+00

            Relative flowrate in %

Feed         : 100
Overflow     : 59.00
Underflow    : 41.00
                                  Feed                           Overflow                         Underflow
                   Meas.  Adj.  %Res  STD  %Crt    Meas.  Adj.  %Res  STD  %Crt    Meas.  Adj.  %Res  STD  %Crt
Dilutions           2.85  2.82   0.9  1.11  0.0     4.56  4.61  -1.1  2.05  0.0     0.25  0.25  -0.0  0.03  0.0
% Solids           26.00 26.17  -0.7  0.00  0.0    18.00 17.83   0.3  0.00  0.0    80.00 80.00   0.0  0.00  0.0
-- Size intervals --
+ 100M              2.00  1.97   1.7  0.30  0.3     0.04  0.04  -0.0  0.01  0.0     4.70  4.74  -0.7  0.47  0.1
100/150             2.30  2.35  -2.4  0.32  0.6     0.06  0.06   0.0  0.01  0.0     5.70  5.66   0.8  0.46  0.2
150/200             5.10  5.10  -0.0  0.66  0.0     1.00  1.00   0.0  0.15  0.0    11.00 11.00   0.0  0.77  0.0
200/270             6.40  6.49  -1.4  0.77  0.3     2.00  2.00   0.2  0.20  0.0    13.00 12.96   0.3  0.78  0.1
270/400            15.00 15.36  -2.4  1.50  1.3     6.00  5.98   0.4  0.48  0.0    29.00 28.86   0.5  1.45  0.2
 -400 M            70.00 69.08   1.3  5.60  0.6    91.00 91.36  -0.4  4.55  0.1    37.00 37.04  -0.1  1.85  0.0
 Cone 1             3.40  1.66  51.1  1.02 65.3     0.63  0.63  -0.6  0.06  0.1     3.00  3.14  -4.6  0.45  2.1
 Cone 2             8.70  8.00   8.0  1.74  3.6     2.80  2.81  -0.4  0.28  0.0    15.00 15.48  -3.2  2.25  1.0
 Cone 3            13.00 14.12  -8.6  1.30 16.6    15.00 14.57   2.9  1.05  3.8    14.00 13.[illegible]   3.8  1.40  3.2
 Cone 4            11.00 10.95   0.4  1.10  0.0    17.00 17.03  -0.2  1.19  0.0     2.20  2.20  -0.0  0.22  0.0
 Cone 5             6.00  6.04  -0.6  0.60  0.1     9.90  9.87   0.3  0.69  0.0     0.52  0.52   0.0  0.05  0.0
<Cone 5            28.00 27.94   0.2 99.99  0.0    46.00 46.10  -0.2 99.99  0.0     1.80  1.80  -0.0 17.98  0.0
-- Chemical elements --
Pb                  0.94  0.92   1.8  0.14  0.0     0.96  0.96  -0.5  0.10  0.0     0.86  0.86  -0.3  0.09  0.0
Zn                  1.70  1.91 -12.2  0.25  0.0     1.60  1.55   3.0  0.16  0.0     2.50  2.42   3.3  0.25  0.0
Fe                 35.00 35.04  -0.1  5.25  0.0    33.00 32.99   0.0  3.30  0.0    38.00 37.99   0.0  3.80  0.0
S                  37.00 34.20   7.6  9.25  0.0    31.00 31.74  -2.4  6.20  0.0    37.00 37.73  -2.0  7.40  0.0

-- Ch. elem. in size int. --
>> + 100M  <<
Pb                  0.42  0.42  -0.1  0.08  0.0     0.48  0.48   0.0  0.48  0.0     0.42  0.42   0.1  0.06  0.0
Zn                  1.20  1.20   0.1  0.24  0.0     0.80  0.80  -0.1  0.80  0.0     1.20  1.20  -0.3  0.18  0.0
Fe                 11.00 11.89  -8.1  2.20  0.0    15.00 14.18   5.4 15.00  0.0    13.00 11.86   8.7  1.95  0.0
S                   3.70  5.85 -58.1  1.48  0.0     9.30  9.13   1.8  9.30  0.0     9.20  5.81  36.9  4.60  0.0
>> 100/150 <<
Pb                  0.62  0.62   0.2  0.12  0.0     0.48  0.48  -0.1  0.48  0.0     0.62  0.62  -0.1  0.09  0.0
Zn                  2.00  2.05  -2.5  0.40  0.0     0.80  0.79   1.5  0.80  0.0     2.20  2.07   5.9  0.33  0.0
Fe                 17.00 17.56  -3.3  3.40  0.0    15.00 14.81   1.3 15.00  0.0    18.00 17.60   2.2  2.70  0.0
S                  11.00 12.51 -13.8  4.40  0.0     9.30  9.29   0.1  9.30  0.0    13.00 12.56   3.4  6.50  0.0
>> 150/200 <<
Pb                  0.78  0.77   1.4  0.16  0.0     0.48  0.49  -2.4  0.48  0.0     0.80  0.81  -0.7  0.12  0.0
Zn                  2.70  2.76  -2.1  0.54  0.0     0.80  0.71  11.8  0.80  0.0     3.30  3.02   8.4  0.49  0.0
Fe                 26.00 26.23  -0.9  5.20  0.0    15.00 14.59   2.7 15.00  0.0    28.00 27.75   0.9  4.20  0.0
S                  25.00 24.26   3.0 10.00  0.0     9.30  9.31  -0.2  9.30  0.0    26.00 26.22  -0.8 13.00  0.0
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Cont....

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                                    Feed                          Overflow                        Underflow
                       Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt
 -- Ch. elem. in size int. --
 >> 200/270 <<
 Pb                     0.78  0.78  -0.2  0.16   0.0     0.34  0.34   0.0  0.06   0.0     0.88  0.88   0.1  0.13   0.0
 Zn                     2.40  2.47  -2.9  0.48   0.0     0.70  0.69   1.0  0.13   0.0     3.40  2.86  15.8  0.51   0.0
 Fe                    34.00 34.23  -0.7  6.80   0.0    10.00  9.99   0.1  1.80   0.0    40.00 39.61   1.0  6.00   0.0
 S                     35.00 34.20   2.3 14.00   0.0     6.90  6.90  -0.0  4.14   0.0    40.00 40.25  -0.6 20.00   0.0
 >> 270/400 <<
 Pb                     0.72  0.72   0.3  0.14   0.0     0.44  0.44  -0.0  0.07   0.0     0.80  0.80  -0.1  0.12   0.0
 Zn                     1.70  1.74  -2.2  0.34   0.0     1.20  1.15   4.2  0.18   0.0     2.90  1.91  34.1  0.44   0.0
 Fe                    38.00 37.82   0.5  7.60   0.0    14.00 14.03  -0.2  2.10   0.0    44.00 44.91  -2.1  6.60   0.0
 S                     40.00 37.03   7.4 16.00   0.0     7.70  7.72  -0.3  4.62   0.0    44.00 45.76  -4.0 22.00   0.0
 >>  -400 M <<
 Pb                     1.10  1.02   7.6  0.16   0.0     1.00  1.05  -5.4  0.15   0.0     0.88  0.89  -0.5  0.09   0.0
 Zn                     1.40  1.40  -0.3  0.21   0.0     1.70  1.36  20.0  0.25   0.0     1.60  1.56   2.4  0.16   0.0
 Fe                    38.00 38.01  -0.0  5.70   0.0    36.00 35.77   0.6  5.40   0.0    46.00 45.95   0.1  4.60   0.0
 S                     39.00 38.59   1.1 15.60   0.0    35.00 36.06  -3.0 21.00   0.0    47.00 47.54  -1.1 28.20   0.0
 >>  Cone 1 <<
 Pb                     0.60  0.62  -3.3  0.30   0.0     0.44  0.44   0.4  0.18   0.0     0.68  0.67   1.1  0.20   0.0
 Zn                     1.20  1.22  -1.3  0.60   0.0     2.00  1.98   0.8  0.80   0.0     1.00  0.99   0.8  0.30   0.0
 Fe                    48.00 47.49   1.1 24.00   0.0    45.00 45.09  -0.2 18.00   0.0    48.00 48.19  -0.4 14.40   0.0
 S                     50.00 49.56   0.9 35.00   0.0    48.00 48.00  -0.0 33.60   0.0    50.00 50.01  -0.0 30.00   0.0
 >>  Cone 2 <<
 Pb                     0.60  0.59   2.0  0.30   0.0     0.44  0.44  -0.2  0.18   0.0     0.62  0.63  -1.0  0.25   0.0
 Zn                     1.30  1.34  -2.9  0.65   0.0     2.00  1.84   8.0  0.80   0.0     1.60  1.21  24.6  0.64   0.0
 Fe                    48.00 47.83   0.4 24.00   0.0    45.00 45.12  -0.3 18.00   0.0    48.00 48.53  -1.1 19.20   0.0
 S                     52.00 49.02   5.7 36.40   0.0    48.00 48.09  -0.2 33.60   0.0    49.00 49.26  -0.5 29.40   0.0
 >>  Cone 3 <<
 Pb                     0.54  0.51   6.1  0.16   0.0     0.36  0.36  -1.1  0.07   0.0     0.72  0.73  -1.4  0.14   0.0
 Zn                     1.00  1.03  -3.0  0.30   0.0     1.20  0.87  27.3  0.24   0.0     1.70  1.28  24.9  0.34   0.0
 Fe                    39.00 39.60  -1.5 11.70   0.0    39.00 36.77   5.7  7.80   0.0    46.00 44.01   4.3  9.20   0.0
 S                     42.00 44.24  -5.3 25.20   0.0    43.00 42.09   2.1 34.40   0.0    48.00 47.59   0.9 28.80   0.0
 >>  Cone 4 <<
 Pb                     0.50  0.40  19.7  0.13   0.0     0.34  0.36  -4.4  0.05   0.0     0.90  0.92  -1.9  0.18   0.0
 Zn                     0.96  0.97  -0.7  0.24   0.0     1.00  0.94   6.2  0.15   0.0     1.30  1.28   1.3  0.26   0.0
 Fe                    37.00 36.84   0.4  9.25   0.0    36.00 36.55  -1.5  5.40   0.0    40.00 40.11  -0.3  8.00   0.0
 S                     34.00 36.06  -6.1 15.30   0.0    36.00 35.72   0.8 10.80   0.0    40.00 39.88   0.3 24.00   0.0
 >>  Cone 5 <<
 Pb                     0.50  0.40  20.7  0.13   0.0     0.36  0.38  -5.2  0.05   0.0     0.88  0.89  -0.8  0.18   0.0
 Zn                     0.58  0.61  -4.5  0.14   0.0     0.36  0.58  39.3  0.14   0.0     1.30  1.25   3.5  0.26   0.0
 Fe                    35.00 34.74   0.7  8.75   0.0    34.00 34.84  -2.5  5.10   0.0    32.00 32.05  -0.2  6.40   0.0
 S                     34.00 32.14   5.5 18.70   0.0    32.00 32.11  -0.3 11.20   0.0    33.00 33.01  -0.0 19.80   0.0
 >> <Cone 5 <<
 Pb                     1.80  1.73   3.8 17.98   0.0     1.60  1.65  -3.3 15.98   0.0     4.60  4.61  -0.3 45.95   0.0
 Zn                     1.90  1.92  -1.0 18.98   0.0     2.30  1.88  18.1 22.98   0.0     3.20  3.18   0.7 31.97   0.0
 Fe                    35.00 34.93   0.2 99.99   0.0    34.00 34.88  -2.6 99.99   0.0    37.00 37.03  -0.1 99.99   0.0
 S                     35.00 33.20   5.2 99.99   0.0    32.00 33.17  -3.7 99.99   0.0    34.00 34.04  -0.1 99.99   0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.1	1.0	3.1	2.5	4.0	61.9	57.6	68.1	33.9	38.7	27.0	66.1	61.3	73.0	6.1	6.0	6.1
+ 100M	0.5	0.6	0.5	2.0	1.3	2.0	9.7	16.2	9.6	87.8	81.9	87.9	12.2	18.1	12.1	7.3	6.6	7.3
100/150	0.7	0.6	0.7	3.4	1.3	3.4	21.3	16.5	21.4	74.6	81.7	74.5	25.4	18.3	25.5	7.4	7.1	7.4
150/200	0.9	0.6	0.9	4.5	1.2	5.0	42.6	16.6	46.0	52.0	81.7	48.1	48.0	18.3	51.9	6.2	6.8	6.1
200/270	0.9	0.4	1.0	4.0	1.1	4.7	61.4	12.2	72.4	33.6	86.3	21.9	66.4	13.7	78.1	5.4	4.3	5.7
270/400	0.8	0.5	0.9	2.8	1.9	3.1	67.4	13.3	83.5	28.9	84.4	12.4	71.1	15.6	87.6	6.3	7.8	5.9
-400 M	1.2	1.2	1.0	2.3	2.2	2.6	70.5	65.9	87.2	26.0	30.7	9.2	74.0	69.3	90.8	5.1	5.0	5.3
Cone 1	0.7	0.5	0.8	2.0	3.3	1.6	91.3	87.8	92.4	6.0	8.5	5.2	94.0	91.5	94.8	4.9	4.1	5.1
Cone 2	0.7	0.5	0.7	2.2	3.0	2.0	90.2	88.1	90.8	6.9	8.4	6.5	93.1	91.6	93.5	5.7	4.0	6.2
Cone 3	0.6	0.4	0.8	1.7	1.4	2.1	81.6	77.8	87.6	16.1	20.4	9.5	83.9	79.6	90.5	1.6	0.5	3.2
Cone 4	0.5	0.4	1.1	1.6	1.5	2.1	66.4	65.8	73.1	31.6	32.3	23.7	68.4	67.7	76.3	5.9	5.9	6.0
Cone 5	0.5	0.4	1.0	1.0	1.0	2.1	59.4	59.4	60.3	39.1	39.2	36.6	60.9	60.8	63.4	7.1	7.2	3.9
<Cone 5	2.0	1.9	5.3	3.1	3.1	5.2	59.8	59.8	59.4	35.1	35.2	30.1	64.9	64.8	69.9	6.9	6.9	9.1

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 3.6 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	41.0	0.0	38.3	0.0	52.0	0.0	45.1	0.0	32.6	0.0	45.3
+ 100M	180.0	98.8	180.0	98.6	180.0	99.2	180.0	98.0	180.0	98.9	180.0	98.2
100/150	126.0	98.5	126.0	98.8	126.0	99.4	126.0	98.8	126.0	98.4	126.0	98.9
150/200	89.0	88.4	89.0	92.6	89.0	97.0	89.0	95.5	89.0	81.8	89.0	95.6
200/270	63.0	81.9	63.0	92.1	63.0	94.9	63.0	96.4	63.0	53.4	63.0	96.3
270/400	45.0	77.0	45.0	85.9	45.0	84.8	45.0	95.5	45.0	33.0	45.0	94.9
-400 M	-37.0	22.0	-37.0	19.1	-37.0	24.5	-37.0	27.2	-37.0	7.8	-37.0	27.0
Cone 1	27.5	77.5	20.6	84.1	30.6	63.3	26.5	78.4	41.3	68.0	26.6	78.1
Cone 2	20.9	79.3	15.6	84.5	23.2	71.5	20.1	79.8	31.3	74.8	20.1	79.6
Cone 3	15.6	39.1	11.3	56.3	16.7	48.5	14.5	42.0	22.5	23.0	14.5	42.2
Cone 4	12.1	8.2	8.1	18.8	12.1	10.9	10.4	9.1	16.3	6.2	10.5	9.2
Cone 5	9.7	3.5	6.3	7.9	9.3	7.3	8.0	3.6	12.5	3.3	8.0	3.7
<Cone 5	-9.4	2.6	-6.3	7.0	-9.3	4.4	-8.0	2.6	-12.5	2.3	-8.0	2.8

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M


                                                                 RESULTS
                                                                 -------
               Test identification P91-92-93



                          Final value of the criterion 1.095E+00

                    Relative flowrate in %

   Feed        : 100
   Overflow    : 61.87
   Underflow   : 38.13
                                    Feed                               Overflow                               Underflow
                          Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt      Meas.  Adj.  %Res   STD  %Crt
   Dilutions               3.00  2.96   1.4  1.23   0.1      4.56  4.63  -1.6  2.05   0.1       0.25  0.25  -0.0  0.03   0.0
   % Solids               25.00 25.26  -1.1  0.00   0.0     18.00 17.77   1.3  0.00   0.0      80.00 80.00   0.0  0.00   0.0
   -- Size intervals --
   + 100M                  1.70  1.77  -4.1  0.25   6.9      0.02  0.02   0.0  0.00   0.0       4.70  4.61   1.9  0.47   3.4
   100/150                 2.20  2.24  -1.9  0.31   1.6      0.13  0.13   0.1  0.02   0.0       5.70  5.67   0.6  0.46   0.5
   150/200                 4.80  5.02  -4.6  0.62  11.5      0.82  0.81   0.6  0.12   0.2      12.00 11.85   1.3  0.84   3.0
   200/270                 6.00  6.06  -1.0  0.72   0.6      1.80  1.80   0.1  0.18   0.0      13.00 12.97   0.2  0.78   0.1
   270/400                16.00 15.72   1.8  1.60   2.9      5.60  5.61  -0.2  0.45   0.1      32.00 32.11  -0.3  1.60   0.4
    -400 M                69.00 69.09  -0.1  5.52   0.0     92.00 91.96   0.0  4.60   0.0      32.00 32.00   0.0  1.60   0.0
    Cone 1                 2.50  2.02  19.2  0.75  37.6      1.30  1.31  -0.7  0.13   0.4       3.10  3.17  -2.3  0.46   2.1
    Cone 2                 8.30  7.76   6.6  1.66   9.8      2.40  2.41  -0.3  0.24   0.1      16.00 16.43  -2.7  2.40   3.0
    Cone 3                13.00 12.81   1.5  1.30   1.9     15.00 15.08  -0.5  1.05   0.5       9.10  9.14  -0.4  0.91   0.1
    Cone 4                11.00 11.22  -2.0  1.10   3.6     17.00 16.84   0.9  1.19   1.6       2.10  2.10   0.1  0.21   0.0
    Cone 5                 6.20  6.35  -2.4  0.62   5.1     10.00  9.88   1.2  0.70   2.5       0.61  0.61   0.1  0.06   0.0
   <Cone 5                28.00 28.54  -1.9 99.99   0.0     46.00 45.09   2.0 99.99   0.0       1.70  1.70   0.0 16.98   0.0
   -- Cheaical eleaents --
   Pb                      0.94  0.93   1.4  0.14   0.0      1.00  1.00  -0.4  0.10   0.0       0.80  0.80  -0.2  0.08   0.0
   Zn                      1.80  1.75   2.8  0.27   0.0      1.70  1.71  -0.7  0.17   0.0       1.80  1.81  -0.5  0.18   0.0
   Fe                     36.00 35.73   0.8  5.40   0.0     33.00 33.06  -0.2  3.30   0.0      40.00 40.06  -0.1  4.00   0.0
   S                      37.00 36.27   2.0  9.25   0.0     33.00 33.23  -0.7  6.60   0.0      41.00 41.22  -0.5  8.20   0.0

   -- Ch. elea. in size int. --
   >> + 100M  <<
   Pb                      0.42  0.42  -0.2  0.08   0.0      0.62  0.62   0.0  0.43   0.0       0.42  0.42   0.1  0.06   0.0
   Zn                      0.98  0.94   4.3  0.20   0.0      1.00  1.02  -1.6  0.70   0.0       0.86  0.94  -8.9  0.13   0.0
   Fe                     14.00 13.49   3.6  2.80   0.0     17.00 17.12  -0.7 11.90   0.0      13.00 13.46  -3.6  1.95   0.0
   S                       7.00  5.62  19.7  2.80   0.0     13.00 13.01  -0.1  9.10   0.0       5.40  5.57  -3.1  2.70   0.0
   >> 100/150 <<
   Pb                      0.60  0.61  -2.1  0.12   0.0      0.62  0.61   1.0  0.43   0.0       0.62  0.61   1.2  0.09   0.0
   Zn                      1.60  1.65  -3.1  0.32   0.0      1.00  0.97   3.1  0.70   0.0       1.80  1.68   6.9  0.27   0.0
   Fe                     18.00 17.98   0.1  3.60   0.0     17.00 17.01  -0.1 11.90   0.0      18.00 18.02  -0.1  2.70   0.0
   S                      12.00 12.03  -0.3  4.80   0.0     13.00 13.00   0.0  9.10   0.0      12.00 11.99   0.0  6.00   0.0
   >> 150/200 <<
   Pb                      0.76  0.80  -4.7  0.15   0.0      0.62  0.59   4.7  0.43   0.0       0.84  0.82   2.6  0.13   0.0
   Zn                      2.70  2.63   2.6  0.54   0.0      1.00  1.07  -7.4  0.70   0.0       2.60  2.80  -7.9  0.39   0.0
   Fe                     26.00 26.82  -3.2  5.20   0.0     17.00 16.17   4.9 11.90   0.0      29.00 28.01   3.4  4.35   0.0
   S                      25.00 25.47  -1.9 10.00   0.0     13.00 12.99   0.1  9.10   0.0      27.00 26.86   0.5 13.50   0.0
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Cont....

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                                     Feed                                 Overflow                              Underflow
                       Meas.  Adj.  %Res  STD  %Crt      Meas.  Adj.  %Res  STD  %Crt      Meas.  Adj.  %Res  STD  %Crt
 -- Ch. elem. in size int. --
 >> 200/270 <<
 Pb                     0.76  0.77  -1.7  0.15  0.0       0.42  0.42   0.1  0.08  0.0       0.86  0.85   0.9  0.13  0.0
 Zn                     2.00  2.04  -1.9  0.40  0.0       0.58  0.58   0.6  0.10  0.0       2.60  2.37   9.0  0.39  0.0
 Fe                    34.00 33.60   1.2  6.80  0.0      11.00 11.02  -0.2  1.98  0.0      38.00 38.68  -1.8  5.70  0.0
 S                     35.00 33.89   3.2 14.00  0.0       5.20  5.20  -0.0  3.12  0.0      40.00 40.33  -0.8 20.00  0.0
 >> 270/400 <<
 Pb                     0.70  0.70   0.2  0.14  0.0       0.48  0.48  -0.0  0.07  0.0       0.76  0.76  -0.1  0.11  0.0
 Zn                     1.90  1.88   0.8  0.38  0.0       0.88  0.89  -1.0  0.13  0.0       2.00  2.17  -8.4  0.30  0.0
 Fe                    38.00 37.82   0.5  7.60  0.0      13.00 13.02  -0.2  1.95  0.0      44.00 44.86  -2.0  6.60  0.0
 S                     39.00 37.33   4.3 15.60  0.0       6.30  6.31  -0.1  3.78  0.0      45.00 46.13  -2.5 22.50  0.0
 >>  -400 M <<
 Pb                     1.00  0.98   2.3  0.15  0.0       1.00  1.02  -1.9  0.15  0.0       0.78  0.78  -0.1  0.08  0.0
 Zn                     1.30  1.30  -0.3  0.19  0.0       1.70  1.33  21.8  0.25  0.0       1.20  1.18   1.5  0.12  0.0
 Fe                    38.00 37.96   0.1  5.70  0.0      35.00 36.41  -4.0  5.25  0.0      45.00 45.22  -0.5  4.50  0.0
 S                     38.00 37.55   1.2 15.20  0.0      34.00 35.20  -3.5 20.40  0.0      48.00 48.51  -1.1 28.80  0.0
 >>  Cone 1 <<
 Pb                     0.72  0.61  15.4  0.36  0.0       0.58  0.60  -3.2  0.23  0.0       0.60  0.62  -2.8  0.18  0.0
 Zn                     0.72  0.88 -22.2  0.36  0.0       2.00  0.95  52.5  0.80  0.0       1.10  0.83  24.3  0.33  0.0
 Fe                    46.00 45.47   1.2 23.00  0.0      41.00 41.25  -0.6 16.40  0.0      48.00 48.29  -0.6 14.40  0.0
 S                     48.00 44.44   7.4 33.60  0.0      36.00 36.04  -0.1 25.20  0.0      50.00 50.08  -0.2 30.00  0.0
 >>  Cone 2 <<
 Pb                     0.60  0.65  -8.2  0.30  0.0       0.98  0.96   1.6  0.39  0.0       0.60  0.57   4.2  0.24  0.0
 Zn                     1.20  1.22  -1.8  0.60  0.0       1.60  1.54   3.5  0.64  0.0       1.30  1.14  11.9  0.52  0.0
 Fe                    47.00 46.38   1.3 23.50  0.0      35.00 35.27  -0.8 14.00  0.0      47.00 49.02  -4.3 18.80  0.0
 S                     51.00 50.29   1.4 35.70  0.0      47.00 47.02  -0.0 32.90  0.0      51.00 51.07  -0.1 30.60  0.0
 >>  Cone 3 <<
 Pb                     0.54  0.51   4.7  0.16  0.0       0.46  0.47  -1.3  0.09  0.0       0.64  0.64  -0.7  0.13  0.0
 Zn                     1.30  1.30  -0.2  0.39  0.0       1.40  1.38   1.5  0.28  0.0       1.10  1.10   0.4  0.22  0.0
 Fe                    41.00 40.29   1.7 12.30  0.0      36.00 37.75  -4.9  7.20  0.0      46.00 47.07  -2.3  9.20  0.0
 S                     42.00 41.93   0.2 25.20  0.0      40.00 40.03  -0.1 32.00  0.0      47.00 47.01  -0.0 28.20  0.0
 >>  Cone 4 <<
 Pb                     0.48  0.48   0.5  0.12  0.0       0.46  0.46  -0.1  0.07  0.0       0.70  0.70  -0.0  0.14  0.0
 Zn                     0.38  0.39  -3.3  0.10  0.0       0.86  0.36  57.8  0.13  0.0       0.84  0.78   7.7  0.17  0.0
 Fe                    37.00 36.82   0.5  9.25  0.0      35.00 36.55  -4.4  5.25  0.0      40.00 40.28  -0.7  8.00  0.0
 S                     36.00 37.14  -3.2 16.20  0.0      37.00 36.85   0.4 11.10  0.0      41.00 40.94   0.1 24.60  0.0
 >>  Cone 5 <<
 Pb                     0.50  0.49   1.3  0.13  0.0       0.48  0.48  -0.4  0.07  0.0       0.80  0.80  -0.0  0.16  0.0
 Zn                     0.36  0.38  -5.9  0.09  0.0       0.76  0.34  55.7  0.11  0.0       1.70  1.56   8.4  0.34  0.0
 Fe                    35.00 34.98   0.0  8.75  0.0      35.00 35.10  -0.3  5.25  0.0      32.00 32.01  -0.0  6.40  0.0
 S                     33.00 32.09   2.7 18.15  0.0      32.00 32.06  -0.2 11.20  0.0      33.00 33.01  -0.0 19.80  0.0
 >> <Cone 5 <<
 Pb                     1.80  1.65   8.3 17.98  0.0       1.50  1.60  -6.8 14.98  0.0       3.70  3.71  -0.4 36.96  0.0
 Zn                     2.00  2.01  -0.7 19.98  0.0       2.40  2.05  14.7 23.98  0.0       0.62  0.62   0.1  6.19  0.0
 Fe                    35.00 34.92   0.2 99.99  0.0      34.00 35.01  -3.0 99.99  0.0      31.00 31.02  -0.1 99.99  0.0
 S                     34.00 32.84   3.4 99.99  0.0      32.00 32.82  -2.6 99.99  0.0      34.00 34.02  -0.1 99.99  0.0
```

	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.2	0.9	2.9	2.8	3.0	65.9	60.2	75.1	30.1	35.8	21.0	69.9	64.2	79.0	4.9	4.9	4.9
+ 100M	0.5	0.7	0.5	1.5	1.7	1.5	9.5	23.2	9.4	88.5	74.4	88.6	11.5	25.6	11.4	9.0	6.2	9.0
100/150	0.7	0.7	0.7	2.7	1.6	2.7	20.8	23.2	20.7	75.8	74.5	75.8	24.2	25.5	24.2	8.1	6.1	8.2
150/200	0.9	0.7	0.9	4.3	1.8	4.6	45.0	23.1	47.4	49.8	74.4	47.1	50.2	25.6	52.9	5.7	5.3	5.7
200/270	0.9	0.5	1.0	3.3	0.9	3.9	61.2	9.1	73.0	34.5	89.5	22.2	65.5	10.5	77.8	4.9	6.7	4.5
270/400	0.8	0.6	0.9	3.1	1.5	3.6	67.8	10.8	84.0	28.3	87.2	11.6	71.7	12.8	88.4	6.1	7.9	5.6
-400 M	1.1	1.2	0.9	2.1	2.2	1.9	68.7	64.3	89.4	28.0	32.4	7.8	72.0	67.6	92.2	5.9	6.4	3.5
Cone 1	0.7	0.7	0.7	1.4	1.6	1.4	82.1	66.3	92.7	15.8	31.4	5.3	84.2	68.6	94.7	7.2	10.3	5.1
Cone 2	0.7	1.1	0.7	2.0	2.5	1.9	92.7	86.2	94.2	4.6	10.2	3.2	95.4	89.8	96.8	3.2	-5.0	5.1
Cone 3	0.6	0.5	0.7	2.1	2.3	1.8	77.0	73.4	86.7	20.3	23.8	10.8	79.7	76.2	89.2	4.3	3.5	6.7
Cone 4	0.6	0.5	0.8	0.6	0.6	1.3	68.9	68.4	75.6	29.9	30.5	22.3	70.1	69.5	77.7	4.7	4.7	5.0
Cone 5	0.6	0.6	0.9	0.6	0.6	2.6	59.5	59.5	60.0	39.3	39.4	36.5	60.7	60.6	63.5	7.3	7.4	3.9
<Cone 5	1.9	1.8	4.3	3.3	3.4	1.0	59.1	59.0	61.9	35.7	35.8	32.7	64.3	64.2	67.3	7.3	7.4	2.2

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 3.2 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	38.1	0.0	33.0	0.0	39.4	0.0	43.5	0.0	26.5	0.0	43.1
+ 100M	180.0	99.3	180.0	99.0	180.0	99.2	180.0	98.3	180.0	99.4	180.0	98.5
100/150	126.0	96.4	126.0	96.4	126.0	97.9	126.0	96.0	126.0	96.5	126.0	96.2
150/200	89.0	90.0	89.0	92.5	89.0	95.9	89.0	94.8	89.0	85.0	89.0	94.9
200/270	63.0	81.6	63.0	90.0	63.0	94.8	63.0	97.3	63.0	52.4	63.0	97.1
270/400	45.0	77.9	45.0	84.8	45.0	89.6	45.0	96.5	45.0	31.9	45.0	96.0
-400 M	-37.0	17.7	-37.0	14.1	-37.0	16.0	-37.0	23.0	-37.0	4.9	-37.0	22.6
Cone 1	28.8	59.9	20.6	60.6	30.6	56.7	26.5	67.6	41.3	20.0	26.5	67.4
Cone 2	20.7	80.8	15.6	71.5	23.2	75.7	20.1	82.1	31.3	57.1	20.1	81.9
Cone 3	15.9	27.2	11.3	34.1	16.7	22.9	14.5	30.6	22.5	14.5	14.5	30.4
Cone 4	11.9	7.1	8.1	10.4	12.1	14.1	10.4	7.8	16.3	5.3	10.4	7.9
Cone 5	9.7	3.7	6.3	5.9	9.3	15.0	8.0	3.7	12.5	3.4	8.0	3.8
<Cone 5	-9.5	2.3	-6.3	5.1	-9.3	0.7	-8.0	2.4	-12.5	2.1	-8.0	2.4

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                                   RESULTS
                                   -------

        Test identification TEST 94-95-96


                  Final value of the criterion 8.546E-01

              Relative flowrate in %

Feed        : 100
Overflow    : 61.12
Underflow   : 38.88
                          Feed                          Overflow                       Underflow
                 Meas. Adj.  %Res  STD  %Crt    Meas. Adj.  %Res  STD  %Crt    Meas. Adj.  %Res  STD  %Crt
Dilutions         2.85  2.78   2.5  1.11  0.5    4.26  4.38  -2.3  1.83  0.5    0.25  0.25  -0.0  0.03  0.0
% Solids         26.00 26.49  -1.9  0.00  0.0   19.00 18.58   2.2  0.00  0.0   80.00 80.00   0.0  0.00  0.0
-- Size intervals --
 +100 M           1.90  1.99  -4.7  0.28 11.4    0.02  0.02   0.0  0.00  0.0    5.20  5.08   2.2  0.52  5.7
100/150           2.40  2.37   1.4  0.34  1.1    0.04  0.04  -0.0  0.01  0.0    6.00  6.03  -0.4  0.48  0.3
150/200           4.90  4.85   1.0  0.64  0.7    0.92  0.92  -0.2  0.14  0.0   11.00 11.03  -0.3  0.77  0.2
200/270           6.70  6.62   1.2  0.80  1.2    1.90  1.90  -0.1  0.19  0.0   14.00 14.03  -0.2  0.84  0.2
270/400          16.00 15.53   2.9  1.60 10.0    6.20  6.23  -0.4  0.50  0.4   30.00 30.16  -0.5  1.50  1.3
-400 M           68.00 68.35  -0.5  5.44  0.5   91.00 90.85   0.2  4.55  0.1   33.00 32.99   0.0  1.65  0.0
Cone 1            2.60  2.17  16.7  0.78 36.1    1.00  1.00  -0.4  0.10  0.2    3.90  3.99  -2.4  0.59  3.1
Cone 2            8.30  8.71  -5.0  1.66  7.3    3.70  3.69   0.3  0.37  0.1   17.00 16.62   2.2  2.55  2.6
Cone 3           13.00 13.03  -0.3  1.30  0.1   16.00 15.98   0.1  1.12  0.0    8.40  8.39   0.1  0.84  0.0
Cone 4           11.00 10.65   3.1  1.10 11.6   16.00 16.22  -1.4  1.12  4.5    1.90  1.90  -0.2  0.19  0.1
Cone 5            6.10  6.08   0.3  0.61  0.1    9.60  9.61  -0.1  0.67  0.0    0.53  0.53  -0.0  0.05  0.0
<Cone 5          27.00 27.53  -2.0 99.99  0.0   45.00 44.09   2.0 99.99  0.0    1.50  1.50   0.0 14.98  0.0
-- Chemical elements --
Pb                0.90  0.98  -9.1  0.13  0.0    1.10  1.07   3.0  0.11  0.0    0.86  0.85   1.5  0.09  0.0
Zn                2.30  3.13 -36.0  0.34  0.0    3.60  3.05  15.3  0.36  0.0    3.60  3.25   9.7  0.35  0.0
Fe               35.00 32.76   6.4  5.25  0.0   30.00 30.45  -1.5  3.00  0.0   36.00 36.41  -1.1  3.60  0.0
S                36.00 35.79   0.6  9.00  0.0   33.00 33.07  -0.2  6.60  0.0   40.00 40.06  -0.2  8.00  0.0

-- Ch. elem. in size int. --
>>  +100 M <<
Pb                0.40  0.47 -17.3  0.08  0.0    0.38  0.38   0.2  0.11  0.0    0.54  0.47  13.0  0.08  0.0
Zn                0.84  0.91  -8.8  0.17  0.0    0.72  0.72   0.4  0.22  0.0    1.40  0.91  34.7  0.21  0.0
Fe               11.00 10.99   0.1  2.20  0.0    6.20  6.20  -0.0  1.86  0.0   11.00 11.02  -0.1  1.65  0.0
S                 4.20  5.77 -37.4  1.68  0.0    5.80  5.78   0.3  5.22  0.0    7.00  5.77  17.5  3.50  0.0
>> 100/150 <<
Pb                0.64  0.71 -10.2  0.13  0.0    0.38  0.38   0.1  0.11  0.0    0.76  0.71   6.7  0.11  0.0
Zn                1.90  2.04  -7.3  0.38  0.0    0.72  0.72   0.2  0.22  0.0    2.50  2.05  17.9  0.38  0.0
Fe               17.00 16.30   4.1  3.40  0.0    6.10  6.10  -0.0  1.83  0.0   16.00 16.40  -2.5  2.40  0.0
S                11.00 13.14 -19.5  4.40  0.0    5.90  5.90   0.1  5.31  0.0   14.00 13.22   5.6  7.00  0.0
>> 150/200 <<
Pb                0.82  0.85  -4.2  0.16  0.0    0.38  0.38   0.5  0.11  0.0    0.94  0.92   2.4  0.14  0.0
Zn                3.40  3.50  -2.9  0.68  0.0    0.72  0.71   0.9  0.22  0.0    4.30  3.86  10.2  0.64  0.0
Fe               26.00 24.57   5.5  5.20  0.0    6.20  6.23  -0.5  1.86  0.0   26.00 26.98  -3.8  3.90  0.0
S                25.00 24.65   1.4 10.00  0.0    5.90  5.90  -0.0  5.31  0.0   27.00 27.11  -0.4 12.50  0.0
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Cont....

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                                  Feed                             — Overflow                              Underflow
                        Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                       0.84  0.85  -1.4  0.17  0.0      0.38  0.38   0.1  0.07  0.0      0.96  0.95   0.8  0.14  0.0
Zn                       3.50  3.61  -3.1  0.70  0.0      0.80  0.79   0.8  0.14  0.0      5.00  4.21  15.8  0.75  0.0
Fe                      34.00 32.14   5.5  6.80  0.0      5.70  5.71  -0.2  1.03  0.0     36.00 37.77  -4.9  5.40  0.0
S                       34.00 34.51  -1.5 13.60  0.0      5.00  5.00   0.0  3.00  0.0     41.00 40.80   0.5 20.50  0.0
>> 270/400 <<
Pb                       0.72  0.74  -2.1  0.14  0.0      0.50  0.50   0.2  0.07  0.0      0.82  0.81   1.0  0.12  0.0
Zn                       2.90  2.97  -2.4  0.58  0.0      2.80  2.61   6.9  0.42  0.0      4.90  3.09  37.0  0.73  0.0
Fe                      37.00 35.91   2.9  7.40  0.0     11.00 11.07  -0.6  1.65  0.0     41.00 43.97  -7.3  6.15  0.0
S                       38.00 37.33   1.8 15.20  0.0      9.10  9.11  -0.1  5.46  0.0     46.00 46.50  -1.1 23.00  0.0
>> -400 M  <<
Pb                       0.90  0.91  -0.9  0.13  0.0      0.94  0.93   0.7  0.14  0.0      0.80  0.80   0.1  0.08  0.0
Zn                       2.10  2.11  -0.4  0.31  0.0      3.30  1.99  39.6  0.49  0.0      2.70  2.61   3.3  0.27  0.0
Fe                      37.00 36.82   0.5  5.55  0.0     32.00 35.49 -10.9  4.80  0.0     42.00 42.62  -1.5  4.20  0.0
S                       37.00 37.28  -0.7 14.80  0.0     36.00 35.11   2.5 21.60  0.0     47.00 46.65   0.7 28.20  0.0
>> Cone 1  <<
Pb                       0.56  0.58  -4.1  0.28  0.0      0.56  0.56   0.7  0.22  0.0      0.60  0.59   1.1  0.18  0.0
Zn                       1.50  1.71 -13.7  0.75  0.0      4.20  3.11  26.0  1.68  0.0      1.30  1.15  11.4  0.39  0.0
Fe                      46.00 44.33   3.6 23.00  0.0     41.00 41.31  -0.7 16.40  0.0     45.00 45.52  -1.2 13.50  0.0
S                       48.00 50.80  -5.8 33.60  0.0     48.00 47.96   0.1 33.60  0.0     52.00 51.92   0.2 31.20  0.0
>> Cone 2  <<
Pb                       0.54  0.59  -9.5  0.27  0.0      0.56  0.55   1.6  0.22  0.0      0.64  0.61   5.4  0.26  0.0
Zn                       1.80  1.88  -4.4  0.90  0.0      4.20  3.14  25.3  1.68  0.0      2.70  1.44  46.6  1.08  0.0
Fe                      46.00 44.64   3.0 23.00  0.0     41.00 41.83  -2.0 16.40  0.0     43.00 45.62  -6.1 17.20  0.0
S                       47.00 47.91  -1.9 32.90  0.0     48.00 47.95   0.1 33.60  0.0     48.00 47.90   0.2 28.80  0.0
>> Cone 3  <<
Pb                       0.46  0.50  -8.3  0.14  0.0      0.46  0.45   2.8  0.09  0.0      0.66  0.65   1.3  0.13  0.0
Zn                       2.00  2.06  -2.9  0.60  0.0      3.50  1.97  43.7  0.70  0.0      2.60  2.32  10.8  0.52  0.0
Fe                      40.00 38.89   2.8 12.00  0.0     36.00 37.90  -5.3  7.20  0.0     41.00 41.83  -2.0  8.20  0.0
S                       41.00 40.63   0.9 24.60  0.0     39.00 39.15  -0.4 31.20  0.0     45.00 45.04  -0.1 27.00  0.0
>> Cone 4  <<
Pb                       0.42  0.45  -6.7  0.10  0.0      0.44  0.43   2.4  0.07  0.0      0.70  0.70   0.5  0.14  0.0
Zn                       1.50  1.54  -3.0  0.38  0.0      2.40  1.48  38.2  0.36  0.0      2.50  2.37   5.3  0.50  0.0
Fe                      36.00 34.61   3.9  9.00  0.0     32.00 34.55  -8.0  4.80  0.0     35.00 35.40  -1.2  7.00  0.0
S                       34.00 36.07  -6.1 15.30  0.0     36.00 35.71   0.8 10.80  0.0     41.00 40.89   0.3 24.60  0.0
>> Cone 5  <<
Pb                       0.44  0.45  -2.3  0.11  0.0      0.44  0.44   0.8  0.07  0.0      0.84  0.84   0.1  0.17  0.0
Zn                       1.40  1.47  -4.7  0.35  0.0      2.20  1.44  34.8  0.33  0.0      2.40  2.34   2.4  0.48  0.0
Fe                      34.00 32.68   3.9  8.50  0.0     31.00 32.59  -5.1  4.65  0.0     35.00 35.13  -0.4  7.00  0.0
S                       32.00 32.19  -0.6 17.60  0.0     32.00 31.99   0.0 11.20  0.0     38.00 38.00   0.0 22.80  0.0
>> <Cone 5 <<
Pb                       1.50  1.48   1.6 14.98  0.0      1.40  1.42  -1.4 13.99  0.0      4.10  4.10  -0.1 40.96  0.0
Zn                       2.60  2.63  -1.3 25.97  0.0      3.80  2.52  33.7 37.96  0.0      8.00  7.88   1.5 79.92  0.0
Fe                      34.00 33.56   1.3 99.99  0.0     30.00 33.52 -11.7 99.99  0.0     35.00 35.10  -0.3 99.99  0.0
S                       34.00 34.11  -0.3 99.99  0.0     34.00 33.91   0.3 99.99  0.0     43.00 43.00   0.0 99.99  0.0
```

	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.2	1.0	5.1	5.0	5.3	63.7	58.7	71.7	30.0	35.1	22.0	70.0	64.9	78.0	2.8	2.9	2.8
+100 M	0.5	0.4	0.5	1.5	1.2	1.5	9.8	10.0	9.8	88.1	88.3	88.1	11.9	11.7	11.9	6.3	1.5	6.4
100/150	0.8	0.4	0.8	3.3	1.2	3.4	22.5	10.2	22.6	73.4	88.1	73.2	26.6	11.9	26.8	5.6	1.3	5.7
150/200	1.0	0.4	1.1	5.7	1.2	6.3	42.6	10.3	46.9	50.7	88.1	45.7	49.3	11.9	54.3	4.4	1.4	4.8
200/270	1.0	0.4	1.1	5.9	1.3	6.9	60.9	8.5	72.1	32.2	89.8	19.9	67.8	10.2	80.1	3.4	1.7	3.8
270/400	0.8	0.6	0.9	4.9	4.3	5.1	66.8	14.5	83.8	27.4	80.7	10.2	72.6	19.3	89.8	4.5	4.1	4.7
-400 M	1.0	1.1	0.9	3.5	3.3	4.3	67.5	63.5	84.6	28.0	32.1	10.2	72.0	67.9	89.8	5.2	5.7	3.0
Cone 1	0.7	0.6	0.7	2.8	5.1	1.9	93.2	86.6	95.8	3.3	7.6	1.6	96.7	92.4	98.4	0.8	0.7	0.9
Cone 2	0.7	0.6	0.7	3.1	5.1	2.4	87.7	86.6	88.0	8.6	7.6	8.9	91.4	92.4	91.1	3.7	1.3	4.5
Cone 3	0.6	0.5	0.8	3.4	3.2	3.8	73.9	71.2	81.9	22.2	25.0	13.6	77.8	75.0	86.4	4.3	4.6	3.5
Cone 4	0.5	0.5	0.8	2.5	2.4	3.9	65.9	65.3	74.0	31.1	31.8	21.3	68.9	68.2	78.7	3.8	4.1	0.7
Cone 5	0.5	0.5	1.0	2.4	2.4	3.8	58.7	58.3	68.6	38.4	38.8	26.6	61.6	61.2	73.4	5.2	5.3	3.0
<Cone 5	1.7	1.6	4.7	4.3	4.1	12.9	60.9	60.7	71.9	33.1	33.6	10.4	66.9	66.4	89.6	5.0	5.1	0.9

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 3.5 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	38.9	0.0	33.6	0.0	40.4	0.0	43.7	0.0	28.6	0.0	43.3
+100 M	180.0	99.4	180.0	99.5	180.0	99.5	180.0	99.4	180.0	99.4	180.0	99.4
100/150	126.0	99.0	126.0	99.4	126.0	99.6	126.0	99.5	126.0	98.8	126.0	99.5
150/200	89.0	88.4	89.0	94.9	89.0	97.6	89.0	97.2	89.0	79.8	89.0	97.2
200/270	63.0	82.4	63.0	92.2	63.0	96.1	63.0	97.5	63.0	51.0	63.0	97.3
270/400	45.0	75.5	45.0	83.4	45.0	78.5	45.0	94.7	45.0	28.0	45.0	93.5
-400 M	-37.0	18.8	-37.0	16.5	-37.0	23.2	-37.0	23.5	-37.0	6.9	-37.0	23.4
Cone 1	26.5	71.7	20.1	73.0	29.9	48.4	25.9	73.7	40.3	34.9	26.0	72.9
Cone 2	20.5	74.1	15.3	75.9	22.6	56.8	19.6	74.5	30.5	77.0	19.7	73.9
Cone 3	15.7	25.0	11.0	32.7	16.3	28.2	14.1	27.7	22.0	15.4	14.2	27.8
Cone 4	11.7	6.9	7.9	10.8	11.8	10.6	10.2	7.8	15.9	4.8	10.2	7.9
Cone 5	9.3	3.4	6.1	6.3	9.0	5.4	7.8	4.0	12.2	2.3	7.9	4.0
<Cone 5	-8.9	2.1	-6.1	5.9	-9.0	6.3	-7.8	2.5	-12.2	0.7	-7.9	2.8

M

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                                        RESULTS
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          Test identification P97-98-99


                         Final value of the criterion 2.411E+00

                 Relative flowrate in %

   Feed        : 100
   Overflow    : 82.68
   Underflow   : 17.32
                                    Feed                             Overflow                             Underflow
                         Meas.  Adj.  %Res  STD  %Crt       Meas.  Adj.  %Res  STD  %Crt       Meas.  Adj.  %Res  STD  %Crt
   Dilutions              2.85  2.83   0.7  1.11  0.0        3.35  3.37  -0.6  1.21  0.0        0.25  0.25  -0.0  0.03  0.0
   % Solids              26.00 26.13  -0.5  0.00  0.0       23.00 22.90   0.4  0.00  0.0       80.00 80.00   0.0  0.00  0.0
   -- Size intervals --
   + 100M                 2.50  2.67  -6.6  0.38  8.0        0.58  0.57   1.3  0.09  0.3       13.00 12.66   2.6  1.30  2.9
   100/150                2.70  2.71  -0.4  0.38  0.0        1.40  1.40   0.2  0.21  0.0        9.00  8.99   0.1  0.72  0.0
   150/200                5.20  5.36  -3.1  0.68  2.3        3.00  2.94   2.0  0.45  0.7       17.00 16.91   0.5  1.19  0.2
   200/270                6.30  6.41  -1.7  0.76  0.8        3.80  3.78   0.6  0.38  0.1       19.00 18.96   0.2  1.14  0.1
   270/400               16.00 14.47   9.6  1.60 37.9       11.00 11.38  -3.5  0.88  7.8       29.00 29.22  -0.7  1.45  0.9
    -400 M               67.00 68.14  -1.7  5.36  1.9       80.00 79.48   0.7  4.00  0.7       14.00 14.00   0.0  0.70  0.0
    Cone 1                2.00  2.27 -13.4  0.80  4.6        2.50  2.31   7.8  0.75  2.8        2.10  2.09   0.6  0.42  0.0
    Cone 2                7.50  7.44   0.8  1.50  0.1        7.90  7.91  -0.2  0.79  0.0        5.20  5.20  -0.1  0.78  0.0
    Cone 3               12.00 12.64  -5.3  1.20 11.7       15.00 14.60   2.7  1.05  6.1        3.30  3.29   0.3  0.33  0.0
    Cone 4               11.00 10.99   0.1  1.10  0.0       13.00 13.00  -0.0  0.91  0.0        1.40  1.40  -0.0  0.14  0.0
    Cone 5                6.00  6.23  -3.9  0.60  6.3        7.60  7.45   2.0  0.53  3.4        0.44  0.44   0.0  0.04  0.0
   <Cone 5               28.00 28.59  -2.1 99.99  0.0       35.00 34.24   2.2 99.99  0.0        1.60  1.60   0.0 15.98  0.0
   -- Chemical elements --
   Pb                     0.92  0.92   0.3  0.14  0.0        0.94  0.94  -0.1  0.09  0.0        0.80  0.80  -0.0  0.08  0.0
   Zn                     1.60  1.78 -11.5  0.24  0.0        1.90  1.80   5.0  0.19  0.0        1.70  1.68   0.9  0.17  0.0
   Fe                    31.00 31.52  -1.7  4.65  0.0       31.00 30.81   0.6  3.10  0.0       35.00 34.95   0.1  3.50  0.0
   S                     33.00 32.91   0.3  8.25  0.0       32.00 32.05  -0.1  6.40  0.0       37.00 37.01  -0.0  7.40  0.0

   -- Ch. elem. in size int. --
   >> + 100M  <<
   Pb                     0.66  0.52  21.3  0.13  0.0        0.60  0.65  -7.8  0.18  0.0        0.46  0.49  -6.9  0.07  0.0
   Zn                     1.40  1.33   5.3  0.28  0.0        1.20  1.31  -9.3  0.36  0.0        1.20  1.33 -10.8  0.18  0.0
   Fe                     8.60  8.15   5.2  1.72  0.0        7.40  7.67  -3.6  2.22  0.0        7.90  8.25  -4.5  1.18  0.0
   S                      5.20  5.80 -11.5  2.08  0.0        5.80  5.58   3.8  5.22  0.0        6.20  5.84   5.8  3.10  0.0
   >> 100/150 <<
   Pb                     0.72  0.69   3.8  0.14  0.0        0.52  0.53  -2.6  0.16  0.0        0.80  0.81  -1.4  0.12  0.0
   Zn                     1.40  1.53  -9.1  0.28  0.0        1.00  0.76  24.4  0.30  0.0        2.70  2.10  22.2  0.41  0.0
   Fe                    12.00 12.39  -3.2  2.40  0.0        7.00  6.78   3.2  2.10  0.0       17.00 16.55   2.6  2.55  0.0
   S                      9.60 10.27  -7.0  3.84  0.0        4.40  4.33   1.5  3.96  0.0       15.00 14.68   2.1  7.50  0.0
   >> 150/200 <<
   Pb                     0.80  0.81  -1.5  0.16  0.0        0.60  0.59   1.2  0.18  0.0        1.00  0.99   0.6  0.15  0.0
   Zn                     1.70  1.80  -5.7  0.34  0.0        1.20  0.88  27.0  0.36  0.0        3.30  2.56  22.4  0.49  0.0
   Fe                    22.00 22.65  -3.0  4.40  0.0       10.00  9.59   4.1  3.00  0.0       35.00 33.49   4.3  5.25  0.0
   S                     22.00 23.31  -5.9  8.80  0.0        7.80  7.71   1.1  7.02  0.0       37.00 36.25   2.0 18.50  0.0
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Cont....

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                                 Feed                                  Overflow                              Underflow
                         Meas. Adj.  %Res  STD  %Crt          Meas. Adj.  %Res  STD  %Crt          Meas. Adj.  %Res  STD  %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                        0.78  0.78  -0.2  0.15  0.0          0.70  0.70   0.1  0.13  0.0          0.86  0.86   0.1  0.13  0.0
Zn                        1.80  1.76   2.5  0.36  0.0          1.50  1.60  -6.6  0.27  0.0          1.80  1.90  -5.8  0.27  0.0
Fe                       30.00 30.33  -1.1  6.00  0.0         20.00 19.79   1.1  3.60  0.0         41.00 40.36   1.6  6.15  0.0
S                        34.00 33.00   2.9 13.60  0.0         20.00 20.08  -0.4 12.00  0.0         45.00 45.30  -0.7 22.50  0.0
>> 270/400 <<
Pb                        0.70  0.71  -2.0  0.14  0.0          0.74  0.73   0.8  0.11  0.0          0.68  0.68   0.4  0.10  0.0
Zn                        1.40  1.41  -0.6  0.28  0.0          1.50  1.43   4.7  0.22  0.0          1.40  1.37   2.3  0.21  0.0
Fe                       33.00 33.14  -0.4  6.60  0.0         29.00 28.61   1.4  4.35  0.0         42.00 41.55   1.1  6.30  0.0
S                        37.00 37.61  -1.6 14.80  0.0         33.00 32.69   0.9 19.80  0.0         47.00 46.76   0.5 23.50  0.0
>>  -400 M <<
Pb                        1.00  1.04  -4.3  0.15  0.0          1.10  1.05   4.5  0.16  0.0          0.84  0.84   0.1  0.08  0.0
Zn                        1.60  1.60  -0.2  0.24  0.0          1.90  1.61  15.4  0.28  0.0          1.50  1.50   0.2  0.15  0.0
Fe                       34.00 33.95   0.1  5.10  0.0         32.00 33.69  -5.3  4.80  0.0         41.00 41.05  -0.1  4.10  0.0
S                        37.00 37.04  -0.1 14.80  0.0         37.00 36.82   0.5 22.20  0.0         43.00 42.99   0.0 25.80  0.0
>>  Cone 1 <<
Pb                        0.58  0.66 -13.2  0.29  0.0          0.72  0.66   8.8  0.29  0.0          0.66  0.65   0.9  0.20  0.0
Zn                        0.98  1.04  -6.6  0.49  0.0          1.20  1.02  15.1  0.48  0.0          1.20  1.18   1.6  0.36  0.0
Fe                       46.00 44.57   3.1 23.00  0.0         43.00 44.46  -3.4 17.20  0.0         45.00 45.17  -0.4 13.50  0.0
S                        52.00 48.94   5.9 36.40  0.0         49.00 49.12  -0.2 34.30  0.0         48.00 48.02  -0.0 28.80  0.0
>>  Cone 2 <<
Pb                        0.58  0.64 -11.0  0.29  0.0          0.70  0.65   7.5  0.28  0.0          0.62  0.61   0.9  0.25  0.0
Zn                        1.20  1.20   0.0  0.60  0.0          1.20  1.20   0.0  0.48  0.0          1.20  1.20   0.0  0.48  0.0
Fe                       45.00 44.29   1.6 22.50  0.0         42.00 44.15  -5.1 16.80  0.0         45.00 45.34  -0.8 18.00  0.0
S                        48.00 48.67  -1.4 33.60  0.0         49.00 48.90   0.2 34.30  0.0         47.00 46.99   0.0 28.20  0.0
>>  Cone 3 <<
Pb                        0.52  0.52  -0.5  0.16  0.0          0.52  0.52   0.2  0.10  0.0          0.60  0.60   0.0  0.12  0.0
Zn                        1.10  1.12  -1.6  0.33  0.0          1.40  1.11  20.4  0.28  0.0          1.20  1.19   0.8  0.24  0.0
Fe                       37.00 37.02  -0.1 11.10  0.0         37.00 36.88   0.3  7.40  0.0         40.00 39.99   0.0  8.00  0.0
S                        39.00 40.41  -3.6 23.40  0.0         41.00 40.10   2.2 32.80  0.0         47.00 46.97   0.1 28.20  0.0
>>  Cone 4 <<
Pb                        0.50  0.49   2.6  0.13  0.0          0.48  0.48  -0.9  0.07  0.0          0.60  0.60  -0.0  0.12  0.0
Zn                        0.96  0.98  -2.3  0.24  0.0          1.30  0.98  24.8  0.19  0.0          1.20  1.19   0.9  0.24  0.0
Fe                       33.00 33.19  -0.6  8.25  0.0         34.00 33.20   2.4  5.10  0.0         33.00 32.97   0.1  6.60  0.0
S                        34.00 34.00   0.0 15.30  0.0         34.00 34.00   0.0 10.20  0.0         34.00 34.00   0.0 20.40  0.0
>>  Cone 5 <<
Pb                        0.50  0.50  -0.2  0.13  0.0          0.50  0.50   0.1  0.07  0.0          0.60  0.60   0.0  0.12  0.0
Zn                        1.10  1.08   1.9  0.28  0.0          1.00  1.08  -7.5  0.15  0.0          1.40  1.40  -0.2  0.28  0.0
Fe                       30.00 26.23  12.6  7.50  0.0         22.00 26.17 -18.9  3.30  0.0         31.00 31.18  -0.6  6.20  0.0
S                        31.00 30.09   2.9 17.05  0.0         30.00 30.08  -0.3 10.50  0.0         31.00 31.00  -0.0 18.60  0.0
>> <Cone 5 <<
Pb                        1.70  1.75  -3.0 16.98  0.0          1.80  1.74   3.2 17.98  0.0          2.60  2.60   0.0 25.97  0.0
Zn                        2.40  2.41  -0.5 23.98  0.0          2.60  2.39   7.9 25.97  0.0          4.10  4.09   0.1 40.96  0.0
Fe                       30.00 29.72   0.9 99.99  0.0         27.00 29.65  -9.8 99.99  0.0         37.00 37.05  -0.1 99.99  0.0
S                        34.00 33.44   1.6 99.99  0.0         33.00 33.50  -1.5 99.99  0.0         28.00 28.00  -0.0 99.99  0.0
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	Galena			Marmatite			Pyrite			—Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.1	0.9	2.9	3.0	2.8	59.6	58.0	67.4	36.4	38.0	28.9	63.6	62.0	71.1	3.6	3.7	3.4
+ 100M	0.6	0.7	0.6	2.2	2.2	2.2	9.5	9.0	9.6	87.8	88.1	87.7	12.2	11.9	12.3	3.6	3.3	3.7
100/150	0.8	0.6	0.9	2.5	1.2	3.4	17.6	7.3	25.3	79.1	90.9	70.4	20.9	9.1	29.6	4.1	3.3	4.6
150/200	0.9	0.7	1.1	2.9	1.4	4.2	41.7	13.4	65.1	54.4	84.4	29.5	45.6	15.6	70.5	3.1	3.3	3.0
200/270	0.9	0.8	1.0	2.9	2.6	3.1	59.8	35.9	82.7	36.4	60.7	13.2	63.6	39.3	86.8	2.3	3.0	1.7
270/400	0.8	0.8	0.8	2.3	2.3	2.2	68.8	59.6	86.0	28.1	37.2	11.0	71.9	62.8	89.0	1.0	0.8	1.5
-400 M	1.2	1.2	1.0	2.6	2.6	2.5	67.5	67.0	78.7	28.7	29.1	17.8	71.3	70.9	82.2	2.4	2.4	4.3
Cone 1	0.8	0.8	0.8	1.7	1.7	1.9	90.3	90.7	88.5	7.2	6.9	8.8	92.8	93.1	91.2	2.5	2.2	3.9
Cone 2	0.7	0.7	0.7	2.0	2.0	2.0	89.7	90.1	86.6	7.6	7.2	10.8	92.4	92.8	89.2	2.5	2.1	5.0
Cone 3	0.6	0.6	0.7	1.8	1.8	2.0	74.4	73.8	86.5	23.2	23.8	10.8	76.8	76.2	89.2	2.3	2.5	-0.4
Cone 4	0.6	0.6	0.7	1.6	1.6	1.9	62.5	62.5	62.3	35.3	35.3	35.1	64.7	64.7	64.9	4.0	4.0	3.9
Cone 5	0.6	0.6	0.7	1.8	1.8	2.3	55.1	55.1	56.5	42.5	42.6	40.5	57.5	57.4	59.5	0.5	0.4	4.8
<Cone 5	2.0	2.0	3.0	4.0	3.9	6.7	59.8	59.9	47.8	34.2	34.2	42.5	65.8	65.8	57.5	1.7	1.6	14.4

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 1.5 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	17.3	0.0	15.1	0.0	16.3	0.0	19.6	0.0	13.7	0.0	19.4
+ 100M	180.0	82.2	180.0	77.9	180.0	82.4	180.0	83.0	180.0	82.2	180.0	82.7
100/150	126.0	57.4	126.0	67.2	126.0	78.9	126.0	82.5	126.0	51.1	126.0	81.4
150/200	89.0	54.6	89.0	66.9	89.0	77.9	89.0	85.4	89.0	29.6	89.0	84.5
200/270	63.0	51.2	63.0	56.4	63.0	55.6	63.0	70.8	63.0	18.6	63.0	69.9
270/400	45.0	35.0	45.0	33.2	45.0	33.9	45.0	43.7	45.0	13.7	45.0	43.2
-400 M	-37.0	3.6	-37.0	2.9	-37.0	3.3	-37.0	4.2	-37.0	2.2	-37.0	4.1
Cone 1	26.9	15.9	20.1	15.9	29.9	18.0	25.9	15.6	40.3	19.6	25.9	15.7
Cone 2	20.5	12.1	15.3	11.5	22.6	12.1	19.6	11.7	30.5	17.1	19.6	11.7
Cone 3	15.5	4.5	11.0	5.2	16.3	4.8	14.1	5.2	22.0	2.1	14.1	5.2
Cone 4	12.1	2.2	7.9	2.7	11.8	2.7	10.2	2.2	15.9	2.2	10.2	2.2
Cone 5	9.6	1.2	6.1	1.5	9.0	1.6	7.8	1.3	12.2	1.2	7.9	1.3
<Cone 5	-9.4	1.0	-6.1	1.4	-9.0	1.6	-7.8	0.8	-12.2	1.2	-7.9	0.8

M

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                                   RESULTS
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           Test identification P100-101-102


                    Final value of the criterion 1.175E+00

               Relative flowrate in %

Feed          : 100
Overflow      : 84.65
Underflow     : 15.35
                                Feed                          Overflow                        Underflow
                      Meas.  Adj.  %Res  STD  %Crt    Meas.  Adj.  %Res  STD  %Crt    Meas.  Adj.  %Res  STD  %Crt
Dilutions              2.85  2.77   2.7  1.11  0.4     3.17  3.23  -1.9  1.08  0.3     0.25  0.25  -0.0  0.03  0.0
% Solids              26.00 26.52  -2.0  0.00  0.0    24.00 23.66   1.4  0.00  0.0    80.00 80.00   0.0  0.00  0.0
-- Size intervals --
+ 100M                 2.40  2.39   0.5  0.36  0.1     0.64  0.64  -0.1  0.10  0.0    12.00 12.02  -0.2  1.20  0.0
100/150                2.60  2.71  -4.3  0.36  7.9     1.70  1.65   2.7  0.25  2.8     8.60  8.54   0.7  0.69  0.7
150/200                5.10  5.04   1.2  0.66  0.7     3.20  3.23  -0.9  0.48  0.3    15.00 15.02  -0.2  1.05  0.0
200/270                6.20  6.21  -0.2  0.74  0.0     3.90  3.90   0.1  0.39  0.0    19.00 19.00   0.0  1.14  0.0
270/400               16.00 15.70   1.8  1.60  2.9    13.00 13.11  -0.8  1.04  0.9    30.00 30.04  -0.1  1.50  0.1
 -400 M               67.00 67.97  -1.4  5.36  2.8    78.00 77.57   0.6  3.90  1.0    15.00 15.00   0.0  0.75  0.0
 Cone 1                2.10  2.56 -21.9  0.63 45.3     2.70  2.63   2.6  0.27  6.0     2.20  2.18   0.9  0.33  0.3
 Cone 2                7.40  7.55  -2.1  1.48  0.9     8.00  7.96   0.5  0.80  0.2     5.30  5.29   0.1  0.79  0.0
 Cone 3               12.00 12.27  -2.3  1.20  4.4    14.00 13.85   1.1  0.98  2.1     3.60  3.60   0.1  0.36  0.0
 Cone 4               11.00 10.57   3.9  1.10 13.1    12.00 12.21  -1.8  0.84  5.5     1.50  1.50  -0.1  0.15  0.0
 Cone 5                5.90  5.96  -1.1  0.59  1.0     7.00  6.96   0.5  0.49  0.5     0.44  0.44   0.0  0.04  0.0
<Cone 5               29.00 29.02  -0.1 99.99  0.0    34.00 33.97   0.1 99.99  0.0     1.70  1.70   0.0 16.98  0.0
-- Chemical elements --
Pb                     0.88  0.92  -4.5  0.18  0.0     0.96  0.92   4.1  0.19  0.0     0.92  0.91   0.7  0.18  0.0
Zn                     1.60  1.53   4.1  0.24  0.0     1.50  1.52  -1.4  0.15  0.0     1.60  1.60  -0.3  0.16  0.0
Fe                    32.00 32.69  -2.2  4.80  0.0    32.00 31.74   0.8  3.20  0.0    38.00 37.93   0.2  3.80  0.0
S                     35.00 34.35   1.9  8.75  0.0    33.00 33.31  -0.9  6.60  0.0    40.00 40.08  -0.2  8.00  0.0

-- Ch. elem. in size int. --
>> + 100M  <<
Pb                     0.42  0.48 -14.8  0.08  0.0     0.48  0.44   8.7  0.14  0.0     0.54  0.50   8.3  0.08  0.0
Zn                     1.10  1.06   3.7  0.22  0.0     0.94  1.02  -8.0  0.28  0.0     1.00  1.07  -7.2  0.15  0.0
Fe                     7.30  7.58  -3.9  1.46  0.0     7.30  6.98   4.4  2.19  0.0     8.10  7.76   4.2  1.22  0.0
S                      4.10  4.98 -21.5  1.64  0.0     3.70  3.44   7.0  3.33  0.0     6.20  5.43  12.4  3.10  0.0
>> 100/150 <<
Pb                     0.60  0.65  -9.0  0.12  0.0     0.54  0.49   9.4  0.16  0.0     0.86  0.83   3.5  0.13  0.0
Zn                     1.40  1.38   1.4  0.28  0.0     0.82  0.85  -4.1  0.25  0.0     1.90  1.94  -2.2  0.28  0.0
Fe                    12.00 12.12  -1.0  2.40  0.0     7.80  7.68   1.5  2.34  0.0    17.00 16.87   0.8  2.55  0.0
S                      9.60  8.29  13.7  3.84  0.0     3.40  3.50  -2.8  3.06  0.0    13.00 13.41  -3.1  6.50  0.0
>> 150/200 <<
Pb                     0.72  0.78  -8.7  0.14  0.0     0.60  0.55   8.9  0.18  0.0     1.10  1.06   3.4  0.16  0.0
Zn                     1.90  1.81   4.5  0.38  0.0     0.88  1.03 -16.5  0.26  0.0     2.50  2.75  -9.3  0.38  0.0
Fe                    22.00 21.79   1.0  4.40  0.0    11.00 11.18  -1.6  3.30  0.0    34.00 34.36  -1.1  5.10  0.0
S                     22.00 21.05   4.3  8.80  0.0     8.00  8.08  -1.0  7.20  0.0    36.00 36.42  -1.2 18.00  0.0

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                                         Feed                          Overflow                        Underflow
                            Meas.  Adj.  %Res   STD %Crt     Meas.  Adj.  %Res   STD %Crt     Meas.  Adj.  %Res   STD %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                           0.74  0.79  -7.1  0.15  0.0      0.72  0.70   3.0  0.13  0.0      0.92  0.90   2.3  0.14  0.0
Zn                           1.60  1.56   2.3  0.32  0.0      1.20  1.27  -5.8  0.22  0.0      1.80  1.90  -5.3  0.27  0.0
Fe                          30.00 30.74  -2.5  6.00  0.0     22.00 21.32   3.1  3.96  0.0     43.00 41.40   3.7  6.45  0.0
S                           33.00 33.17  -0.5 13.20  0.0     21.00 20.98   0.1 12.60  0.0     47.00 46.95   0.1 23.50  0.0
>> 270/400 <<
Pb                           0.66  0.72  -8.4  0.13  0.0      0.72  0.69   3.6  0.11  0.0      0.78  0.77   1.6  0.12  0.0
Zn                           1.20  1.19   0.5  0.24  0.0      1.10  1.14  -3.7  0.16  0.0      1.30  1.32  -1.8  0.19  0.0
Fe                          34.00 34.40  -1.2  6.80  0.0     33.00 31.02   6.0  4.95  0.0     44.00 42.54   3.3  6.60  0.0
S                           39.00 36.66   6.0 15.60  0.0     31.00 32.07  -3.5 18.60  0.0     47.00 47.71  -1.5 23.50  0.0
>>  -400 M <<
Pb                           1.00  1.00   0.1  0.15  0.0      1.00  1.00  -0.1  0.15  0.0      0.94  0.94  -0.0  0.09  0.0
Zn                           1.70  1.70   0.2  0.25  0.0      1.50  1.72 -14.4  0.22  0.0      1.10  1.10  -0.2  0.11  0.0
Fe                          34.00 34.03  -0.1  5.10  0.0     35.00 33.72   3.7  5.25  0.0     43.00 42.97   0.1  4.30  0.0
S                           37.00 37.05  -0.1 14.80  0.0     37.00 36.80   0.5 22.20  0.0     44.00 43.99   0.0 26.40  0.0
>>  Cone 1 <<
Pb                           0.54  0.50   6.6  0.27  0.0      0.46  0.47  -3.1  0.18  0.0      0.70  0.70  -0.4  0.21  0.0
Zn                           0.98  0.84  14.2  0.49  0.0      0.66  0.84 -26.9  0.26  0.0      0.84  0.86  -2.9  0.25  0.0
Fe                          44.00 45.16  -2.6 22.00  0.0     47.00 44.76   4.8 18.80  0.0     48.00 47.80   0.4 14.40  0.0
S                           51.00 51.46  -0.9 35.70  0.0     52.00 51.98   0.0 36.40  0.0     48.00 48.00   0.0 28.80  0.0
>>  Cone 2 <<
Pb                           0.52  0.50   3.0  0.26  0.0      0.48  0.49  -1.6  0.19  0.0      0.64  0.64  -0.3  0.26  0.0
Zn                           1.30  1.10  15.4  0.65  0.0      0.66  1.10 -67.0  0.26  0.0      0.96  1.07 -11.8  0.38  0.0
Fe                          45.00 45.41  -0.9 22.50  0.0     47.00 45.24   3.7 18.80  0.0     47.00 46.79   0.5 18.80  0.0
S                           52.00 51.72   0.5 36.40  0.0     52.00 52.04  -0.1 36.40  0.0     49.00 49.00  -0.0 29.40  0.0
>>  Cone 3 <<
Pb                           0.46  0.48  -3.8  0.14  0.0      0.48  0.47   1.7  0.10  0.0      0.60  0.60   0.1  0.12  0.0
Zn                           0.98  0.96   2.2  0.29  0.0      0.80  0.96 -19.5  0.16  0.0      1.00  1.01  -1.1  0.20  0.0
Fe                          40.00 39.85   0.4 12.00  0.0     39.00 39.75  -1.9  7.80  0.0     42.00 42.04  -0.1  8.40  0.0
S                           41.00 41.66  -1.6 24.60  0.0     42.00 41.64   0.9 33.60  0.0     42.00 41.99   0.0 25.20  0.0
>>  Cone 4 <<
Pb                           0.42  0.45  -7.3  0.10  0.0      0.46  0.45   2.8  0.07  0.0      0.50  0.60   0.1  0.12  0.0
Zn                           0.84  0.84  -0.0  0.21  0.0      0.84  0.84   0.3  0.13  0.0      0.98  0.98   0.0  0.20  0.0
Fe                          34.00 34.01  -0.0  8.50  0.0     34.00 33.96   0.1  5.10  0.0     36.00 36.00   0.0  7.20  0.0
S                           36.00 34.23   4.9 16.20  0.0     34.00 34.21  -0.6 10.20  0.0     35.00 35.02  -0.1 21.00  0.0
>>  Cone 5 <<
Pb                           0.42  0.47 -13.0  0.10  0.0      0.50  0.47   5.5  0.07  0.0      0.68  0.68   0.2  0.14  0.0
Zn                           0.88  0.83   5.2  0.22  0.0      0.70  0.83 -18.5  0.10  0.0      1.20  1.21  -0.6  0.24  0.0
Fe                          31.00 31.53  -1.7  7.75  0.0     33.00 31.49   4.6  4.95  0.0     35.00 34.97   0.1  7.00  0.0
S                           34.00 30.24  11.1 18.70  0.0     30.00 30.22  -0.7 10.50  0.0     32.00 32.01  -0.0 19.20  0.0
>> <Cone 5 <<
Pb                           1.80  1.75   2.6 17.98  0.0      1.70  1.74  -2.4 16.98  0.0      3.20  3.20  -0.0 31.97  0.0
Zn                           2.70  2.68   0.8 26.97  0.0      2.40  2.68 -11.8 23.98  0.0      2.10  2.10  -0.1 20.98  0.0
Fe                          29.00 29.08  -0.3 99.99  0.0     30.00 29.06   3.1 99.99  0.0     31.00 30.99   0.0 99.99  0.0
S                           31.00 31.51  -1.6 99.99  0.0     32.00 31.46   1.7 99.99  0.0     37.00 36.99   0.0 99.99  0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.1	1.1	2.5	2.5	2.6	62.5	60.6	73.2	33.9	35.8	23.1	66.1	64.2	76.9	3.5	3.4	3.7
+ 100M	0.6	0.5	0.6	1.7	1.7	1.8	8.2	5.4	9.0	89.5	92.5	88.6	10.5	7.5	11.4	3.7	4.4	3.5
100/150	0.8	0.6	1.0	2.3	1.4	3.2	14.0	5.6	23.0	83.0	92.4	72.8	17.0	7.6	27.2	5.5	5.0	6.0
150/200	0.9	0.6	1.2	3.0	1.7	4.5	37.5	14.0	65.2	58.7	83.7	29.0	41.3	16.3	71.0	4.2	4.6	3.8
200/270	0.9	0.8	1.0	2.6	2.1	3.1	60.3	37.9	85.8	36.2	59.3	10.1	63.8	40.7	89.9	2.5	3.6	1.3
270/400	0.8	0.8	0.9	2.0	1.9	2.2	67.2	58.7	87.7	30.0	38.6	9.2	70.0	61.4	90.8	3.0	3.6	1.6
-400 M	1.2	1.2	1.1	2.8	2.8	1.8	67.4	66.9	80.9	28.7	29.1	16.2	71.3	70.9	83.8	2.5	2.4	5.2
Cone 1	0.6	0.5	0.8	1.4	1.4	1.4	95.3	96.2	88.7	2.8	1.8	9.1	97.2	98.2	90.9	0.8	-0.1	6.5
Cone 2	0.6	0.6	0.7	1.8	1.8	1.8	95.5	96.1	90.4	2.1	1.5	7.1	97.9	98.5	92.9	0.9	0.4	4.6
Cone 3	0.6	0.5	0.7	1.6	1.6	1.7	76.8	76.8	77.4	21.0	21.1	20.3	79.0	78.9	79.7	4.0	3.9	6.0
Cone 4	0.5	0.5	0.7	1.4	1.4	1.6	63.1	63.1	64.4	35.0	35.1	33.3	65.0	64.9	66.7	4.6	4.6	6.0
Cone 5	0.5	0.5	0.8	1.4	1.4	2.0	55.6	55.6	58.5	42.5	42.5	38.7	57.5	57.5	61.3	5.6	5.6	7.6
<Cone 5	2.0	2.0	3.7	4.4	4.4	3.4	55.9	55.8	66.3	37.7	37.8	26.6	62.3	62.2	73.4	2.8	2.8	-0.0

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 1.4 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	15.3	0.0	15.2	0.0	16.0	0.0	18.0	0.0	10.5	0.0	17.8
+ 100M	180.0	77.3	180.0	79.3	180.0	78.2	180.0	85.1	180.0	76.5	180.0	83.7
100/150	126.0	48.3	126.0	61.4	126.0	68.0	126.0	79.4	126.0	42.4	126.0	77.1
150/200	89.0	45.8	89.0	62.1	89.0	69.3	89.0	79.7	89.0	22.6	89.0	78.6
200/270	63.0	46.9	63.0	53.2	63.0	56.9	63.0	66.7	63.0	13.1	63.0	66.1
270/400	45.0	29.4	45.0	31.5	45.0	32.5	45.0	38.3	45.0	9.0	45.0	38.1
-400 M	-37.0	3.4	-37.0	3.2	-37.0	2.2	-37.0	4.1	-37.0	1.9	-37.0	4.0
Cone 1	27.1	13.1	20.6	18.2	30.6	13.4	26.5	12.2	41.3	42.6	26.5	12.2
Cone 2	20.5	10.8	15.6	13.7	23.2	10.5	20.1	10.2	31.3	36.1	20.1	10.2
Cone 3	16.1	4.5	11.3	5.6	16.7	4.7	14.5	4.5	22.5	4.3	14.5	4.5
Cone 4	12.3	2.2	8.1	2.9	12.1	2.5	10.4	2.2	16.3	2.1	10.5	2.2
Cone 5	9.8	1.1	6.3	1.6	9.3	1.6	8.0	1.2	12.5	1.0	8.0	1.2
<Cone 5	-9.5	0.9	-6.3	1.6	-9.3	0.7	-8.0	1.1	-12.5	0.6	-8.0	1.1

M

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                                    RESULTS
                                    -------
          Test identification P103-104-105


                    Final value of the criterion 7.165E-01

                Relative flowrate in %

 Feed         : 100
 Overflow     : 74.67
 Underflow    : 25.33
                                     Feed                          Overflow                         Underflow
                           Meas.  Adj.  %Res  STD  %Crt     Meas.  Adj.  %Res  STD  %Crt     Meas.  Adj.  %Res  STD  %Crt
 Dilutions                  2.57  2.64  -2.6  0.95  0.7      3.55  3.45   2.7  1.31  0.7      0.25  0.25   0.0  0.03  0.0
 % Solids                  28.00 27.48   1.9  0.00  0.0     22.00 22.48  -2.2  0.00  0.0     80.00 80.00  -0.0  0.00  0.0
 -- Size intervals --
 + 100M                     2.90  2.82   2.9  0.44  5.2      0.34  0.34  -0.3  0.05  0.0     10.00 10.11  -1.1  1.00  1.8
 100/150                    3.00  2.98   0.7  0.42  0.3      1.00  1.00  -0.2  0.15  0.0      8.80  8.81  -0.2  0.70  0.1
 150/200                    5.50  5.79  -5.3  0.71 23.4      2.80  2.72   2.7  0.42  4.5     15.00 14.84   1.1  1.05  3.2
 200/270                    7.30  7.06   3.2  0.88 10.1      3.30  3.32  -0.8  0.33  0.8     18.00 18.09  -0.5  1.08  1.0
 270/400                   16.00 15.85   0.9  1.60  1.1     10.00 10.03  -0.3  0.80  0.2     33.00 33.04  -0.1  1.65  0.1
  -400 M                   66.00 65.84   0.2  5.28  0.1     83.00 83.08  -0.1  4.15  0.0     15.00 15.00  -0.0  0.75  0.0
  Cone 1                    2.20  1.99   9.6  0.66 14.4      2.00  2.01  -0.7  0.20  0.7      1.90  1.91  -0.5  0.28  0.2
  Cone 2                    7.50  7.17   4.4  1.50  6.6      7.50  7.56  -0.8  0.75  0.9      6.00  6.03  -0.5  0.90  0.2
  Cone 3                   12.00 11.60   3.4  1.20 15.9     14.00 14.20  -1.4  0.98  5.9      3.90  3.91  -0.3  0.39  0.1
  Cone 4                   10.00 10.08  -0.8  1.00  0.8     13.00 12.95   0.4  0.91  0.4      1.60  1.60   0.0  0.16  0.0
  Cone 5                    5.90  5.87   0.4  0.59  0.3      7.70  7.72  -0.2  0.54  0.1      0.44  0.44  -0.0  0.04  0.0
 <Cone 5                   28.00 28.39  -1.4 99.99  0.0     38.00 37.47   1.4 99.99  0.0      1.60  1.60   0.0 15.98  0.0
 -- Chemical elements --
 Pb                         0.80  0.84  -4.7  0.12  0.0      0.88  0.86   1.7  0.09  0.0      0.76  0.76   0.5  0.08  0.0
 Zn                         2.00  1.84   8.2  0.30  0.0      1.80  1.84  -2.4  0.18  0.0      1.80  1.81  -0.8  0.18  0.0
 Fe                        33.00 33.01  -0.0  4.95  0.0     32.00 32.00   0.0  3.20  0.0     36.00 36.00   0.0  3.60  0.0
 S                         34.00 34.54  -1.6  8.50  0.0     34.00 33.74   0.3  6.80  0.0     37.00 36.90   0.3  7.40  0.0

 -- Ch. elem. in size int. --
 >> + 100M  <<
 Pb                         0.34  0.36  -6.9  0.07  0.0      0.38  0.35   8.5  0.27  0.0      0.38  0.37   3.9  0.06  0.0
 Zn                         1.10  1.10  -0.4  0.22  0.0      1.40  1.34   4.6  0.98  0.0      1.10  1.08   1.7  0.16  0.0
 Fe                        10.00  9.30   7.0  2.00  0.0      9.10 10.73 -18.0  6.37  0.0      8.50  9.16  -7.7  1.27  0.0
 S                          6.20  4.35  29.9  2.48  0.0      4.40  4.48  -1.8  3.08  0.0      4.00  4.33  -8.3  2.00  0.0
 >> 100/150 <<
 Pb                         0.50  0.55 -10.3  0.10  0.0      0.38  0.29  24.1  0.27  0.0      0.68  0.64   5.9  0.10  0.0
 Zn                         1.60  1.63  -1.7  0.32  0.0      1.40  1.06  24.0  0.98  0.0      1.90  1.82   4.5  0.28  0.0
 Fe                        16.00 15.15   5.3  3.20  0.0      9.10 10.65 -17.0  6.37  0.0     16.00 16.66  -4.1  2.40  0.0
 S                         11.00 10.25   6.8  4.40  0.0      4.40  4.43  -0.7  3.96  0.0     12.00 12.20  -1.7  6.00  0.0
 >> 150/200 <<
 Pb                         0.70  0.69   1.1  0.14  0.0      0.30  0.30  -0.4  0.09  0.0      0.90  0.90  -0.5  0.13  0.0
 Zn                         1.80  1.86  -3.4  0.36  0.0      1.10  0.95  13.6  0.33  0.0      2.80  2.35  16.0  0.42  0.0
 Fe                        25.00 25.23  -0.9  5.00  0.0     10.00  9.91   0.9  3.00  0.0     34.00 33.52   1.4  5.10  0.0
 S                         24.00 23.30   2.9  9.60  0.0      4.80  4.81  -0.2  4.32  0.0     33.00 33.31  -0.9 16.50  0.0
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Cont....

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                                        Feed                            Overflow                          Underflow
                             Meas. Adj.  %Res  STD  %Crt     Meas. Adj.  %Res  STD  %Crt      Meas. Adj.  %Res  STD  %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                            0.72  0.68   5.6  0.14  0.0      0.42  0.42  -0.9  0.08  0.0      0.80  0.82  -2.3  0.12  0.0
Zn                            1.80  1.81  -0.5  0.36  0.0      1.20  1.19   1.0  0.22  0.0      2.20  2.15   2.4  0.33  0.0
Fe                           32.00 32.67  -2.1  6.40  0.0     17.00 16.79   1.2  3.06  0.0     43.00 41.28   4.0  6.45  0.0
S                            34.00 33.80   0.6 13.60  0.0     13.00 13.00  -0.0  7.80  0.0     45.00 45.08  -0.2 22.50  0.0
>> 270/400 <<
Pb                            0.52  0.55  -6.1  0.10  0.0      0.52  0.51   1.6  0.08  0.0      0.60  0.59   2.1  0.09  0.0
Zn                            1.20  1.22  -1.4  0.24  0.0      1.50  1.31  13.0  0.22  0.0      1.30  1.14  12.6  0.19  0.0
Fe                           36.00 36.28  -0.8  7.20  0.0     28.00 27.41   2.1  4.20  0.0     46.00 44.22   3.9  6.90  0.0
S                            37.00 38.77  -4.8 14.80  0.0     28.00 27.53   1.7 16.80  0.0     50.00 48.83   2.3 25.00  0.0
>>  -400 M <<
Pb                            0.88  0.91  -3.8  0.13  0.0      0.96  0.92   3.9  0.14  0.0      0.76  0.75   0.1  0.08  0.0
Zn                            1.90  1.90  -0.0  0.28  0.0      2.00  1.94   2.8  0.30  0.0      1.20  1.20   0.0  0.12  0.0
Fe                           35.00 35.02  -0.0  5.25  0.0     35.00 34.47   1.5  5.25  0.0     44.00 43.98   0.1  4.40  0.0
S                            38.00 37.68   0.9 15.20  0.0     36.00 37.16  -3.2 21.60  0.0     46.00 46.12  -0.3 27.60  0.0
>>  Cone 1 <<
Pb                            0.40  0.45 -13.6  0.20  0.0      0.48  0.44   7.9  0.19  0.0      0.50  0.49   1.5  0.15  0.0
Zn                            0.98  0.97   0.9  0.49  0.0      1.00  1.02  -1.9  0.40  0.0      0.82  0.82  -0.3  0.25  0.0
Fe                           45.00 45.27  -0.6 22.50  0.0     45.00 44.73   0.6 18.00  0.0     47.00 46.95   0.1 14.10  0.0
S                            51.00 49.05   3.8 35.70  0.0     49.00 49.06  -0.1 34.30  0.0     49.00 49.01  -0.0 29.40  0.0
>>  Cone 2 <<
Pb                            0.38  0.46 -21.1  0.19  0.0      0.52  0.44  14.5  0.21  0.0      0.54  0.52   4.1  0.22  0.0
Zn                            0.98  0.99  -0.8  0.49  0.0      1.10  1.02   7.2  0.44  0.0      0.88  0.87   1.6  0.35  0.0
Fe                           44.00 44.50  -1.1 22.00  0.0     46.00 43.98   4.4 18.40  0.0     47.00 46.43   1.2 18.80  0.0
S                            53.00 44.09  16.8 37.10  0.0     42.00 42.71  -1.7 29.40  0.0     49.00 49.19  -0.4 29.40  0.0
>>  Cone 3 <<
Pb                            0.32  0.38 -17.4  0.10  0.0      0.40  0.36   8.8  0.08  0.0      0.50  0.49   1.0  0.10  0.0
Zn                            1.40  1.38   1.6  0.42  0.0      1.20  1.41 -17.6  0.24  0.0      1.00  1.01  -1.4  0.20  0.0
Fe                           39.00 39.29  -0.7 11.70  0.0     40.00 38.95   2.6  8.00  0.0     43.00 42.89   0.3  8.60  0.0
S                            42.00 40.75   3.0 25.20  0.0     40.00 40.54  -1.4 32.00  0.0     43.00 43.03  -0.1 25.80  0.0
>>  Cone 4 <<
Pb                            0.26  0.32 -21.2  0.06  0.0      0.34  0.31   9.6  0.05  0.0      0.50  0.49   1.0  0.10  0.0
Zn                            1.20  1.15   3.9  0.30  0.0      0.88  1.16 -31.6  0.13  0.0      1.00  1.03  -2.7  0.20  0.0
Fe                           36.00 35.77   0.7  9.00  0.0     35.00 35.67  -1.9  5.25  0.0     38.00 38.06  -0.2  7.60  0.0
S                            33.00 32.39   1.9 14.85  0.0     32.00 32.07  -0.2  9.60  0.0     40.00 40.02  -0.0 24.00  0.0
>>  Cone 5 <<
Pb                            0.26  0.33 -27.8  0.06  0.0      0.38  0.33  14.3  0.06  0.0      0.68  0.67   0.9  0.14  0.0
Zn                            1.30  1.26   2.8  0.32  0.0      1.10  1.26 -14.7  0.16  0.0      1.40  1.41  -0.6  0.28  0.0
Fe                           35.00 34.20   2.3  8.75  0.0     33.00 34.17  -3.5  4.95  0.0     36.00 36.05  -0.1  7.20  0.0
S                            32.00 31.24   2.4 17.60  0.0     31.00 31.05  -0.2 10.85  0.0     41.00 41.00  -0.0 24.60  0.0
>> <Cone 5 <<
Pb                            1.60  1.61  -0.5 15.98  0.0      1.60  1.59   0.5 15.98  0.0      2.80  2.80   0.0 27.97  0.0
Zn                            2.90  2.91  -0.3 28.97  0.0      3.10  2.91   6.2 30.97  0.0      3.10  3.10   0.1 30.97  0.0
Fe                           30.00 30.10  -0.3 99.99  0.0     31.00 29.97   3.3 99.99  0.0     39.00 38.98   0.1 99.99  0.0
S                            33.00 33.56  -1.7 99.99  0.0     34.00 33.44   1.6 99.99  0.0     42.00 41.99   0.0 99.99  0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.0	1.0	0.9	3.0	3.0	3.0	62.6	61.1	67.1	33.4	34.9	29.1	66.6	65.1	70.9	3.7	3.4	4.6
+ 100M	0.4	0.4	0.4	1.8	2.2	1.8	7.0	7.0	7.0	90.8	90.4	90.8	9.2	9.6	9.2	5.9	7.3	5.8
100/150	0.6	0.3	0.7	2.7	1.7	3.0	17.5	7.2	21.0	79.2	90.7	75.3	20.8	9.3	24.7	6.8	7.2	6.7
150/200	0.8	0.3	1.0	3.0	1.6	3.9	41.6	8.0	59.8	54.5	90.1	35.3	45.5	9.9	64.7	5.7	6.1	5.5
200/270	0.8	0.5	0.9	3.0	1.9	3.5	61.3	23.1	82.0	34.9	74.5	13.5	65.1	25.5	86.5	4.0	5.9	2.9
270/400	0.6	0.6	0.7	2.0	2.1	1.9	71.2	50.1	90.1	26.2	47.2	7.4	73.8	52.8	92.6	3.1	4.0	2.2
-400 M	1.1	1.1	0.9	3.1	3.2	2.0	69.4	67.4	84.9	27.4	28.3	12.3	72.6	71.7	87.7	3.0	2.9	4.4
Cone 1	0.5	0.5	0.6	1.6	1.7	1.3	90.7	90.6	90.7	7.2	7.2	7.4	92.8	92.8	92.6	3.0	2.5	4.7
Cone 2	0.5	0.5	0.6	1.6	1.7	1.4	81.4	78.8	91.0	16.5	19.0	7.0	83.5	81.0	93.0	6.6	7.3	4.0
Cone 3	0.4	0.4	0.6	2.3	2.3	1.7	74.8	74.4	79.4	22.5	22.9	18.4	77.5	77.1	81.6	4.4	4.2	5.9
Cone 4	0.4	0.4	0.6	1.9	1.9	1.7	59.4	59.8	73.7	38.4	39.0	24.0	61.6	61.0	76.0	8.0	8.2	3.7
Cone 5	0.4	0.4	0.8	2.1	2.1	2.3	57.1	56.8	75.2	40.4	40.8	21.8	59.6	59.2	78.2	7.5	7.6	1.0
<Cone 5	1.9	1.8	3.2	4.8	4.8	5.1	59.6	59.4	74.8	33.8	34.0	16.9	66.2	66.0	83.1	2.1	2.1	3.9

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 2.4 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	25.3	0.0	22.9	0.0	25.0	0.0	27.1	0.0	22.1	0.0	27.0
+ 100M	180.0	91.0	180.0	91.4	180.0	89.1	180.0	90.9	180.0	91.0	180.0	90.6
100/150	126.0	74.9	126.0	86.9	126.0	83.6	126.0	89.7	126.0	71.2	126.0	88.8
150/200	89.0	64.9	89.0	84.7	89.0	82.1	89.0	93.2	89.0	42.0	89.0	92.3
200/270	63.0	64.9	63.0	78.1	63.0	76.9	63.0	86.8	63.0	25.1	63.0	86.2
270/400	45.0	52.8	45.0	56.2	45.0	49.3	45.0	66.8	45.0	14.9	45.0	66.2
-400 M	-37.0	5.8	-37.0	4.8	-37.0	3.6	-37.0	7.2	-37.0	2.6	-37.0	7.0
Cone 1	26.9	24.3	20.1	26.4	29.9	20.6	25.9	24.3	40.3	24.8	25.9	24.3
Cone 2	21.1	21.3	15.3	24.0	22.6	18.7	19.6	23.8	30.5	9.0	19.6	23.7
Cone 3	15.7	8.5	11.0	11.2	16.3	6.3	14.1	9.1	22.0	7.0	14.1	9.0
Cone 4	12.0	4.0	7.9	6.3	11.8	3.6	10.2	5.0	15.9	2.5	10.2	5.0
Cone 5	9.2	1.9	6.1	3.8	9.0	2.1	7.8	2.5	12.2	1.0	7.9	2.5
<Cone 5	-9.0	1.4	-6.1	2.5	-9.0	1.5	-7.8	1.8	-12.2	0.7	-7.9	1.8

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M

                                        RESULTS
                                        -------
          Test identification P106-107-108

                      Final value of the criterion 9.708E+00

                 Relative flowrate in %

Feed         : 100
Overflow     : 80.14
Underflow    : 19.86
                                          Feed                            Overflow                          Underflow
                           Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt
Dilutions                   2.85  2.78   2.3  1.11   0.0      3.35  3.41  -1.8  1.21   0.0      0.25  0.25  -0.0  0.03   0.0
% Solids                   26.00 26.44  -1.7  0.00   0.0     23.00 22.68   1.4  0.00   0.0     80.00 80.00   0.0  0.00   0.0
-- Size intervals --
+ 100M                      2.40  2.43  -1.2  0.36   0.1      0.32  0.32   0.1  0.05   0.0     11.00 10.94   0.5  1.10   0.0
100/150                     2.70  2.70  -0.1  0.38   0.0      0.97  0.97   0.0  0.15   0.0      9.70  9.70   0.0  0.78   0.0
150/200                     5.30  5.53  -4.3  0.69   1.1      3.30  3.21   2.9  0.49   0.4     15.00 14.90   0.7  1.05   0.1
200/270                     6.60  6.45   2.3  0.79   0.4      3.30  3.32  -0.6  0.33   0.0     19.00 19.06  -0.3  1.14   0.0
270/400                    14.00 15.28  -9.1  1.40   8.6     13.00 12.43   4.4  1.04   3.1     27.00 26.76   0.9  1.35   0.3
 -400 M                    69.00 68.02   1.4  5.52   0.3     80.00 80.41  -0.5  4.00   0.1     18.00 18.01  -0.0  0.90   0.0
 Cone 1                     3.80  2.10  44.8  1.14  23.0      1.80  1.83  -1.9  0.18   0.4      3.10  3.15  -1.8  0.46   0.2
 Cone 2                     6.20  7.21 -16.3  1.24   6.8      7.60  7.30   4.0  0.76   1.6      7.00  6.86   2.1  1.05   0.2
 Cone 3                     9.80 11.14 -13.7  0.98  19.3     14.00 12.92   7.7  0.98  12.4      4.00  3.96   1.1  0.40   0.1
 Cone 4                     9.50 10.28  -8.2  0.95   6.9     13.00 12.43   4.4  0.91   4.1      1.60  1.60   0.3  0.16   0.0
 Cone 5                     6.90  6.31   8.6  0.69   7.5      7.50  7.77  -3.7  0.52   2.8      0.40  0.40  -0.1  0.04   0.0
<Cone 5                    33.00 30.83   6.6 99.99   0.0     36.00 38.07  -5.8 99.99   0.0      1.60  1.60  -0.1 15.98   0.0
-- Chemical elements --
Pb                          0.98  0.94   4.5  0.15   0.0      0.94  0.95  -1.5  0.09   0.0      0.86  0.86  -0.3  0.09   0.0
Zn                          1.50  1.60  -6.8  0.22   0.0      1.70  1.65   2.7  0.17   0.0      1.40  1.39   0.6  0.14   0.0
Fe                         33.00 32.99   0.0  4.95   0.0     32.00 32.00  -0.0  3.20   0.0     37.00 37.00  -0.0  3.70   0.0
S                          34.00 34.69  -2.0  8.50   0.0     34.00 33.65   1.0  6.80   0.0     39.00 38.89   0.3  7.80   0.0

-- Ch. elem. in size int. --
>> + 100M  <<
Pb                          0.56  0.52   7.9  0.11   0.0      0.46  0.50  -8.4  0.32   0.0      0.50  0.52  -3.6  0.07   0.0
Zn                          1.20  1.21  -1.2  0.24   0.0      0.88  0.83   5.4  0.62   0.0      1.30  1.26   3.1  0.19   0.0
Fe                          9.80  9.36   4.4  1.96   0.0      7.70  8.40  -9.0  5.39   0.0      9.10  9.48  -4.2  1.37   0.0
S                           6.20  4.35  29.9  2.48   0.0      2.90  2.96  -1.9  2.61   0.0      4.20  4.51  -7.4  2.10   0.0
>> 100/150 <<
Pb                          0.76  0.75   1.1  0.15   0.0      0.46  0.47  -2.4  0.32   0.0      0.86  0.86  -0.5  0.13   0.0
Zn                          1.40  1.50  -7.4  0.28   0.0      0.88  0.36  58.7  0.62   0.0      2.40  1.96  18.2  0.36   0.0
Fe                         15.00 15.02  -0.1  3.00   0.0      7.70  7.67   0.4  5.39   0.0     18.00 17.98   0.1  2.70   0.0
S                          10.00 11.15 -11.5  4.00   0.0      2.90  2.87   0.9  2.61   0.0     15.00 14.48   3.4  7.50   0.0
>> 150/200 <<
Pb                          0.78  0.77   1.2  0.16   0.0      0.52  0.52  -0.8  0.16   0.0      0.98  0.98  -0.5  0.15   0.0
Zn                          1.90  1.88   1.2  0.38   0.0      0.90  0.94  -4.3  0.27   0.0      2.60  2.69  -3.6  0.39   0.0
Fe                         22.00 22.55  -2.5  4.40   0.0     10.00  9.65   3.5  3.00   0.0     35.00 33.76   3.5  5.25   0.0
S                          22.00 21.72   1.3  8.80   0.0      5.10  5.11  -0.2  4.59   0.0     36.00 36.15  -0.4 18.00   0.0
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Cont....

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                                     Feed                              Overflow                            Underflow
                        Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt
 -- Ch. elem. in size int. --
 >> 200/270 <<
 Pb                      0.82  0.78   4.4  0.16  0.0      0.62  0.63  -1.1  0.11  0.0      0.88  0.89  -1.6  0.13  0.0
 Zn                      1.40  1.44  -3.2  0.28  0.0      1.20  1.11   7.4  0.22  0.0      1.90  1.68  11.6  0.28  0.0
 Fe                     31.00 31.44  -1.4  6.20  0.0     17.00 16.80   1.2  3.06  0.0     43.00 41.74   2.9  6.45  0.0
 S                      32.00 32.30  -1.0 12.80  0.0     13.00 12.99   0.1  7.80  0.0     46.00 45.88   0.3 23.00  0.0
 >> 270/400 <<
 Pb                      0.74  0.71   3.5  0.15  0.0      0.70  0.71  -1.2  0.10  0.0      0.72  0.72  -0.7  0.11  0.0
 Zn                      1.20  1.22  -1.4  0.24  0.0      1.40  1.22  13.0  0.21  0.0      1.30  1.22   6.5  0.19  0.0
 Fe                     34.00 34.25  -0.7  6.80  0.0     30.00 29.10   3.0  4.50  0.0     45.00 43.92   2.4  6.75  0.0
 S                      35.00 35.86  -2.4 14.00  0.0     30.00 29.59   1.4 18.00  0.0     48.00 47.61   0.8 24.00  0.0
 >>  -400 M <<
 Pb                      1.00  1.04  -4.0  0.15  0.0      1.10  1.05   4.2  0.16  0.0      0.78  0.78   0.1  0.08  0.0
 Zn                      1.80  1.80   0.1  0.27  0.0      1.70  1.83  -7.7  0.25  0.0      1.20  1.20  -0.1  0.12  0.0
 Fe                     34.00 34.04  -0.1  5.10  0.0     35.00 33.54   4.2  5.25  0.0     43.00 42.95   0.1  4.30  0.0
 S                      37.00 36.90   0.3 14.80  0.0     36.00 36.40  -1.1 21.60  0.0     46.00 46.04  -0.1 27.60  0.0
 >>  Cone 1 <<
 Pb                      0.76  0.67  12.3  0.38  0.0      0.66  0.69  -4.8  0.26  0.0      0.60  0.61  -1.0  0.18  0.0
 Zn                      1.70  1.31  23.0  0.85  0.0      1.20  1.48 -23.0  0.48  0.0      0.88  0.92  -4.0  0.26  0.0
 Fe                     49.00 46.69   4.7 24.50  0.0     45.00 46.40  -3.1 18.00  0.0     47.00 47.37  -0.8 14.10  0.0
 S                      50.00 48.92   2.2 35.00  0.0     48.00 48.03  -0.1 33.60  0.0     51.00 51.01  -0.0 30.60  0.0
 >>  Cone 2 <<
 Pb                      0.56  0.59  -5.2  0.28  0.0      0.60  0.58   2.9  0.24  0.0      0.62  0.62   0.7  0.25  0.0
 Zn                      0.96  0.97  -1.2  0.48  0.0      1.10  1.00   8.6  0.44  0.0      0.84  0.83   1.5  0.34  0.0
 Fe                     44.00 44.31  -0.7 22.00  0.0     45.00 43.76   2.8 18.00  0.0     47.00 46.68   0.7 18.80  0.0
 S                      50.00 50.17  -0.3 35.00  0.0     50.00 49.98   0.0 35.00  0.0     51.00 51.00   0.0 30.60  0.0
 >>  Cone 3 <<
 Pb                      0.58  0.55   5.2  0.17  0.0      0.54  0.55  -2.0  0.11  0.0      0.54  0.54  -0.2  0.11  0.0
 Zn                      1.10  1.10   0.2  0.33  0.0      1.10  1.12  -2.1  0.22  0.0      0.76  0.76  -0.1  0.15  0.0
 Fe                     40.00 39.59   1.0 12.00  0.0     38.00 39.55  -4.1  7.60  0.0     40.00 40.13  -0.3  8.00  0.0
 S                      40.00 40.10  -0.2 24.00  0.0     40.00 39.95   0.1 32.00  0.0     42.00 42.00   0.0 25.20  0.0
 >>  Cone 4 <<
 Pb                      0.54  0.51   5.5  0.13  0.0      0.50  0.51  -1.8  0.07  0.0      0.56  0.56  -0.1  0.11  0.0
 Zn                      1.10  1.10   0.0  0.28  0.0      1.10  1.10  -0.3  0.16  0.0      1.00  1.00  -0.0  0.20  0.0
 Fe                     36.00 35.76   0.7  9.00  0.0     35.00 35.75  -2.1  5.25  0.0     36.00 36.04  -0.1  7.20  0.0
 S                      35.00 33.31   4.8 15.75  0.0     33.00 33.19  -0.6  9.90  0.0     37.00 37.03  -0.1 22.20  0.0
 >>  Cone 5 <<
 Pb                      0.52  0.49   5.5  0.13  0.0      0.48  0.49  -1.8  0.07  0.0      0.72  0.72  -0.1  0.14  0.0
 Zn                      1.00  0.99   1.2  0.25  0.0      0.94  0.99  -5.2  0.14  0.0      0.88  0.88  -0.1  0.18  0.0
 Fe                     34.00 33.69   0.9  8.50  0.0     33.00 33.67  -2.0  4.95  0.0     35.00 35.02  -0.0  7.00  0.0
 S                      33.00 32.98   0.1 18.15  0.0     33.00 33.00  -0.0 11.55  0.0     31.00 31.00  -0.0 18.60  0.0
 >> <Cone 5 <<
 Pb                      1.50  1.59  -6.2 14.98  0.0      1.70  1.58   6.9 16.98  0.0      2.60  2.60   0.1 25.97  0.0
 Zn                      2.50  2.42   3.2 24.97  0.0      1.70  2.40 -41.2 16.98  0.0      4.30  4.35  -1.1 42.96  0.0
 Fe                     29.00 29.19  -0.6 99.99  0.0     32.00 29.16   8.9 99.99  0.0     32.00 31.97   0.1 99.99  0.0
 S                      33.00 32.52   1.4 99.99  0.0     32.00 32.47  -1.5 99.99  0.0     38.00 38.01  -0.0 99.99  0.0
```

	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.1	1.0	2.6	2.7	2.3	63.1	61.1	71.2	33.2	35.1	25.6	66.8	64.9	74.4	3.5	3.4	3.8
+ 100M	0.6	0.6	0.6	2.0	1.4	2.1	6.9	4.6	7.1	90.6	93.4	90.2	9.4	6.6	9.8	6.1	6.2	6.0
100/150	0.9	0.5	1.0	2.5	0.6	3.2	19.2	4.9	25.0	77.4	94.0	70.8	22.6	6.0	29.2	5.9	5.4	6.2
150/200	0.9	0.6	1.1	3.1	1.5	4.4	38.7	8.5	64.8	57.4	89.3	29.6	42.6	10.7	70.4	4.4	5.6	3.4
200/270	0.9	0.7	1.0	2.4	1.8	2.8	58.8	23.1	84.0	37.9	74.4	12.3	62.1	25.6	87.7	3.9	6.0	2.5
270/400	0.8	0.8	0.8	2.0	2.0	2.0	65.7	54.0	87.7	31.5	43.2	9.5	68.5	56.8	90.5	3.6	3.9	3.0
-400 M	1.2	1.2	0.9	2.9	3.0	2.0	67.0	66.0	84.7	28.8	29.7	12.4	71.2	70.3	87.6	2.7	2.7	3.4
Cone 1	0.8	0.8	0.7	2.1	2.4	1.5	90.0	88.2	94.3	7.0	8.6	3.5	93.0	91.4	96.5	4.7	5.2	3.4
Cone 2	0.7	0.7	0.7	1.6	1.6	1.4	92.7	92.3	94.4	5.0	5.4	3.6	95.0	94.6	96.4	1.1	0.7	2.7
Cone 3	0.6	0.6	0.6	1.8	1.8	1.2	73.8	73.5	77.6	23.8	24.0	20.5	76.2	76.0	79.5	5.2	5.3	4.0
Cone 4	0.6	0.6	0.6	1.8	1.8	1.6	61.1	60.9	68.1	36.5	36.7	29.6	63.5	63.3	70.4	7.2	7.3	4.3
Cone 5	0.6	0.6	0.8	1.6	1.6	1.4	60.6	60.6	56.9	37.2	37.2	40.8	62.8	62.8	59.2	5.4	5.4	8.5
<Cone 5	1.8	1.8	3.0	4.0	3.9	7.1	58.1	58.0	66.3	36.1	36.2	23.6	63.9	63.8	76.4	1.9	1.9	0.7

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 1.8 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	19.9	0.0	18.3	0.0	17.3	0.0	22.4	0.0	15.3	0.0	22.1
+ 100M	180.0	89.5	180.0	89.8	180.0	92.8	180.0	92.9	180.0	89.1	180.0	92.7
100/150	126.0	71.3	126.0	82.0	126.0	93.0	126.0	92.7	126.0	65.1	126.0	92.3
150/200	89.0	53.5	89.0	68.4	89.0	76.8	89.0	89.7	89.0	27.6	89.0	88.4
200/270	63.0	58.7	63.0	67.0	63.0	68.3	63.0	83.8	63.0	19.0	63.0	83.0
270/400	45.0	34.8	45.0	35.3	45.0	34.8	45.0	46.4	45.0	10.5	45.0	45.9
-400 M	-37.0	5.3	-37.0	3.9	-37.0	3.5	-37.0	6.6	-37.0	2.3	-37.0	6.5
Cone 1	26.8	29.9	20.1	27.2	29.9	20.9	25.9	31.3	40.3	14.7	25.9	31.0
Cone 2	20.1	18.9	15.3	19.7	22.6	16.1	19.6	19.2	30.5	13.4	19.6	19.2
Cone 3	15.8	7.1	11.0	6.9	16.3	4.9	14.1	7.4	22.0	6.1	14.1	7.4
Cone 4	12.0	3.1	7.9	3.4	11.8	2.8	10.2	3.4	15.9	2.5	10.2	3.4
Cone 5	9.4	1.3	6.1	1.8	9.0	1.1	7.8	1.2	12.2	1.4	7.8	1.2
<Cone 5	-9.2	1.0	-6.1	1.7	-9.0	1.9	-7.8	1.2	-12.2	0.7	-7.9	1.2

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                                    RESULTS
                                    -------
            Test identification P109-110-111



                   Final value of the criterion 6.356E-01

               Relative flowrate in %

      Feed        : 100
      Overflow    : 81.49
      Underflow   : 18.51
                                     Feed                              Overflow                             Underflow
                         Meas.  Adj.  %Res  STD  %Crt       Meas.  Adj.  %Res  STD  %Crt       Meas.  Adj.  %Res  STD  %Crt
      Dilutions           2.45  2.53  -3.4  0.86  1.5        3.17  3.06   3.4  1.08  1.6        0.22  0.22   0.0  0.02  0.0
      % Solids           29.00 28.31   2.4  0.00  0.0       24.00 24.64  -2.7  0.00  0.0       82.00 82.00  -0.0  0.00  0.0
      -- Size intervals --
      + 100M              2.80  2.86  -2.3  0.42  3.7        0.59  0.59   0.4  0.09  0.1       13.00 12.89   0.9  1.30  1.2
      100/150             3.20  3.10   3.1  0.45  7.7        1.50  1.52  -1.4  0.22  1.3       10.00 10.06  -0.6  0.80  0.8
      150/200             6.00  6.17  -2.8  0.79  7.4        3.80  3.73   1.9  0.57  2.5       17.00 16.93   0.4  1.19  0.6
      200/270             6.80  6.46   5.0  0.82 27.3        4.20  4.27  -1.7  0.42  4.8       16.00 16.09  -0.5  0.96  1.3
      270/400            14.00 14.11  -0.8  1.40  1.0       11.00 10.96   0.3  0.88  0.3       28.00 27.98   0.1  1.40  0.0
       -400 M            68.00 67.51   0.7  5.44  1.3       79.00 79.21  -0.3  3.95  0.4       16.00 16.00  -0.0  0.80  0.0
       Cone 1             2.70  2.35  13.0  0.81 29.7        2.40  2.43  -1.0  0.24  1.7        2.00  2.01  -0.4  0.30  0.1
       Cone 2             7.30  7.23   0.9  1.46  0.3        7.50  7.51  -0.2  0.75  0.1        6.00  6.00  -0.1  0.90  0.0
       Cone 3            12.00 12.10  -0.9  1.20  1.2       14.00 13.94   0.4  0.98  0.5        4.00  4.00   0.1  0.40  0.0
       Cone 4            11.00 10.92   0.7  1.10  0.7       13.00 13.04  -0.3  0.91  0.3        1.60  1.60  -0.0  0.16  0.0
       Cone 5             6.10  6.12  -0.3  0.61  0.2        7.40  7.39   0.2  0.52  0.1        0.53  0.53   0.0  0.05  0.0
      <Cone 5            28.00 28.39  -1.4 99.99  0.0       35.00 34.50   1.4 99.99  0.0        1.50  1.50   0.0 14.98  0.0
      -- Chemical elements --
      Pb                  1.20  1.19   1.2  0.19  0.0        1.20  1.21  -0.4  0.12  0.0        1.10  1.10  -0.1  0.11  0.0
      Zn                  1.50  1.67 -11.2  0.22  0.0        1.60  1.53   4.3  0.16  0.0        2.30  2.27   1.4  0.23  0.0
      Fe                 32.00 31.94   0.2  4.80  0.0       31.00 31.02  -0.1  3.10  0.0       36.00 36.01  -0.0  3.60  0.0
      S                  32.00 32.64  -2.0  8.00  0.0       32.00 31.67   1.0  6.40  0.0       37.00 36.90   0.3  7.40  0.0

      -- Ch. elem. in size int. --
      >> + 100M  <<
      Pb                  0.58  0.55   5.9  0.12  0.0        0.46  0.50  -9.6  0.32  0.0        0.54  0.55  -2.6  0.08  0.0
      Zn                  1.30  1.32  -1.2  0.26  0.0        1.30  1.13  13.3  0.91  0.0        1.40  1.35   3.3  0.21  0.0
      Fe                 10.00  9.55   4.5  2.00  0.0        8.90 10.48 -17.7  6.23  0.0        9.00  9.37  -4.1  1.35  0.0
      S                   5.10  4.80   5.9  2.04  0.0        3.70  3.74  -1.1  3.33  0.0        4.90  5.01  -2.2  2.45  0.0
      >> 100/150 <<
      Pb                  0.78  0.77   1.3  0.16  0.0        0.46  0.48  -3.7  0.32  0.0        0.96  0.97  -0.5  0.14  0.0
      Zn                  1.80  1.84  -2.3  0.36  0.0        1.30  0.88  32.6  0.91  0.0        2.60  2.48   4.5  0.39  0.0
      Fe                 14.00 13.70   2.2  2.80  0.0        8.90  9.90 -11.3  6.23  0.0       16.00 16.22  -1.4  2.40  0.0
      S                  11.00 10.09   8.3  4.40  0.0        3.70  3.75  -1.3  3.23  0.0       14.00 14.31  -2.2  7.00  0.0
      >> 150/200 <<
      Pb                  0.96  0.94   2.5  0.19  0.0        0.54  0.55  -1.5  0.16  0.0        1.30  1.31  -1.0  0.19  0.0
      Zn                  2.50  2.49   0.3  0.50  0.0        1.50  1.52  -1.5  0.45  0.0        3.40  3.43  -0.9  0.51  0.0
      Fe                 25.00 24.38   2.5  2.20  0.0       11.00 12.70 -15.4  3.30  0.0       32.00 35.70 -11.6  4.30  0.0
      S                  21.00 20.47   2.5  8.40  0.0        6.20  6.23  -0.5  5.58  0.0       34.00 34.28  -0.8 17.00  0.0
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Cont....

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                                         Feed                                Overflow                              Underflow
                          Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt     Meas.  Adj.  %Res   STD  %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                         1.00  0.95   4.5  0.20   0.0      0.72  0.73  -1.4  0.13   0.0      1.20  1.22  -1.4  0.18   0.0
Zn                         1.90  1.97  -3.6  0.38   0.0      1.90  1.70  10.8  0.34   0.0      2.50  2.29   8.4  0.38   0.0
Fe                        30.00 29.02   3.3  6.00   0.0     17.00 17.45  -2.6  3.06   0.0     41.00 42.55  -3.8  6.15   0.0
S                         31.00 28.71   7.4 12.40   0.0     14.00 14.13  -0.9  8.40   0.0     45.00 45.77  -1.7 22.50   0.0
>> 270/400 <<
Pb                         0.94  0.95  -0.8  0.19   0.0      0.92  0.92   0.3  0.14   0.0      1.00  1.00   0.2  0.15   0.0
Zn                         1.80  1.82  -1.1  0.36   0.0      2.00  1.87   6.6  0.30   0.0      1.80  1.74   3.4  0.27   0.0
Fe                        34.00 33.96   0.1  6.80   0.0     28.00 28.08  -0.3  4.20   0.0     44.00 44.11  -0.2  6.60   0.0
S                         34.00 35.61  -4.7 13.60   0.0     29.00 28.31   2.4 17.40   0.0     49.00 48.20   1.6 24.50   0.0
>>  -400 M <<
Pb                         1.30  1.34  -3.2  0.19   0.0      1.40  1.35   3.3  0.21   0.0      1.10  1.10   0.1  0.11   0.0
Zn                         1.40  1.40  -0.2  0.21   0.0      1.60  1.40  12.3  0.24   0.0      1.40  1.40   0.2  0.14   0.0
Fe                        34.00 33.93   0.2  5.10   0.0     31.00 33.51  -8.1  4.65   0.0     43.00 43.10  -0.2  4.30   0.0
S                         35.00 34.90   0.3 14.00   0.0     34.00 34.39  -1.2 20.40   0.0     46.00 46.03  -0.1 27.60   0.0
>>  Cone 1 <<
Pb                         0.90  0.86   4.5  0.45   0.0      0.84  0.86  -2.3  0.34   0.0      0.86  0.86  -0.2  0.26   0.0
Zn                         0.98  1.07  -9.4  0.49   0.0      1.40  1.12  19.7  0.56   0.0      0.80  0.79   1.2  0.24   0.0
Fe                        45.00 44.29   1.6 22.50   0.0     43.00 43.76  -1.8 17.20   0.0     47.00 47.10  -0.2 14.10   0.0
S                         52.00 48.59   6.6 36.40   0.0     48.00 48.13  -0.3 33.60   0.0     51.00 51.02  -0.0 30.60   0.0
>>  Cone 2 <<
Pb                         0.88  0.83   5.5  0.44   0.0      0.80  0.82  -2.7  0.32   0.0      0.88  0.88  -0.5  0.35   0.0
Zn                         1.30  1.32  -1.3  0.65   0.0      1.40  1.31   6.8  0.56   0.0      1.40  1.38   1.2  0.56   0.0
Fe                        46.00 45.50   1.1 23.00   0.0     44.00 45.36  -3.1 17.60   0.0     46.00 46.27  -0.6 18.40   0.0
S                         51.00 50.86   0.3 35.70   0.0     51.00 51.02  -0.0 35.70   0.0     50.00 50.00  -0.0 30.00   0.0
>>  Cone 3 <<
Pb                         0.74  0.69   7.1  0.22   0.0      0.66  0.68  -2.6  0.13   0.0      0.84  0.84  -0.2  0.17   0.0
Zn                         1.10  1.13  -2.6  0.33   0.0      1.50  1.11  26.2  0.30   0.0      1.50  1.47   1.7  0.30   0.0
Fe                        37.00 37.06  -0.2 11.10   0.0     37.00 36.74   0.7  7.40   0.0     42.00 41.98   0.1  8.40   0.0
S                         39.00 39.85  -2.2 23.40   0.0     40.00 39.51   1.2 32.00   0.0     45.00 44.98   0.1 27.00   0.0
>>  Cone 4 <<
Pb                         0.64  0.60   6.7  0.16   0.0      0.58  0.59  -2.1  0.09   0.0      0.76  0.76  -0.1  0.15   0.0
Zn                         0.98  0.99  -1.5  0.24   0.0      1.10  0.98  10.8  0.16   0.0      1.50  1.49   0.7  0.30   0.0
Fe                        33.00 33.02  -0.1  8.25   0.0     33.00 32.93   0.2  4.95   0.0     36.00 36.00   0.0  7.20   0.0
S                         34.00 31.46   7.5 15.30   0.0     31.00 31.30  -1.0  9.30   0.0     37.00 37.05  -0.1 22.20   0.0
>>  Cone 5 <<
Pb                         0.64  0.59   9.4  0.16   0.0      0.56  0.58  -2.9  0.08   0.0      0.80  0.80  -0.1  0.16   0.0
Zn                         0.86  0.87  -1.0  0.21   0.0      0.90  0.86   4.1  0.13   0.0      1.20  1.20   0.2  0.24   0.0
Fe                        30.00 30.03  -0.1  7.50   0.0     30.00 29.93   0.2  4.50   0.0     36.00 36.00   0.0  7.20   0.0
S                         30.00 28.28   5.7 16.50   0.0     28.00 28.12  -0.4  9.80   0.0     38.00 38.01  -0.0 22.80   0.0
>> <Cone 5 <<
Pb                         2.10  2.20  -4.7 20.98   0.0      2.30  2.18   5.1 22.98   0.0      3.80  3.80   0.1 37.96   0.0
Zn                         1.80  1.81  -0.4 17.98   0.0      1.90  1.81   4.9 18.98   0.0      1.70  1.70   0.0 16.98   0.0
Fe                        27.00 26.75   0.9 99.99   0.0     24.00 26.66 -11.1 99.99   0.0     36.00 36.06  -0.2 99.99   0.0
S                         30.00 29.56   1.5 99.99   0.0     29.00 29.43  -1.5 99.99   0.0     43.00 43.01  -0.0 99.99   0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.4	1.4	1.3	2.7	2.5	3.7	59.1	57.4	66.6	36.8	38.7	28.4	63.2	61.3	71.6	4.3	4.2	4.8
+ 100M	0.6	0.6	0.6	2.2	1.8	2.2	7.6	5.8	8.0	89.6	91.8	89.2	10.4	8.2	10.8	5.9	7.7	5.5
100/150	0.9	0.6	1.1	3.0	1.4	4.1	16.9	6.1	24.2	79.1	92.0	70.6	20.9	8.0	29.4	5.6	7.0	4.7
150/200	1.1	0.6	1.5	4.1	2.5	5.6	35.7	10.1	60.5	59.1	86.8	32.3	40.9	13.2	67.7	7.5	7.9	7.2
200/270	1.1	0.8	1.4	3.2	2.8	3.8	51.6	24.6	83.1	44.1	71.7	11.7	55.9	28.3	88.3	4.8	5.8	3.7
270/400	1.1	1.1	1.2	3.0	3.1	2.8	64.6	50.9	88.2	31.3	45.0	7.8	68.7	55.0	92.2	3.7	4.2	2.9
-400 M	1.5	1.6	1.3	2.3	2.3	2.3	63.6	62.6	84.4	32.6	33.5	12.0	67.4	66.5	88.0	4.2	4.3	3.7
Cone 1	1.0	1.0	1.0	1.8	1.8	1.3	89.6	88.7	94.4	7.7	8.5	3.3	92.3	91.5	96.7	2.5	2.4	3.1
Cone 2	1.0	0.9	1.0	2.2	2.1	2.3	93.6	93.9	91.9	3.3	3.0	4.8	96.7	97.0	95.2	1.8	1.6	3.4
Cone 3	0.8	0.8	1.0	1.9	1.8	2.4	73.2	72.6	82.5	24.1	24.8	14.1	75.9	75.2	85.9	2.9	2.8	3.5
Cone 4	0.7	0.7	0.9	1.6	1.6	2.4	57.7	57.4	67.7	40.0	40.3	29.0	60.0	59.7	71.0	6.1	6.1	4.4
Cone 5	0.7	0.7	0.9	1.4	1.4	2.0	51.9	51.6	69.7	46.0	46.3	27.4	54.0	53.7	72.6	5.8	5.9	3.5
<Cone 5	2.5	2.5	4.4	3.0	3.0	2.8	53.0	52.7	77.7	41.5	41.8	15.1	58.5	58.2	84.9	1.9	2.0	-0.3

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 1.6 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	18.5	0.0	17.2	0.0	25.2	0.0	20.8	0.0	14.3	0.0	20.9
+ 100M	180.0	83.3	180.0	84.5	180.0	85.7	180.0	87.2	180.0	82.9	180.0	86.7
100/150	126.0	60.0	126.0	75.3	126.0	81.0	126.0	85.7	126.0	53.6	126.0	84.6
150/200	89.0	50.8	89.0	71.2	89.0	69.9	89.0	86.1	89.0	27.8	89.0	84.1
200/270	63.0	46.1	63.0	58.8	63.0	53.6	63.0	74.3	63.0	12.3	63.0	72.8
270/400	45.0	36.7	45.0	38.7	45.0	35.0	45.0	50.1	45.0	9.1	45.0	49.3
-400 M	-37.0	4.4	-37.0	3.6	-37.0	4.4	-37.0	5.8	-37.0	1.6	-37.0	5.7
Cone 1	26.8	15.8	20.1	15.9	29.9	11.7	25.9	16.7	40.3	6.9	25.9	16.6
Cone 2	20.0	15.4	15.3	16.3	22.6	16.1	19.6	15.1	30.5	22.5	19.6	15.1
Cone 3	15.7	6.1	11.0	7.5	16.3	8.0	14.1	6.9	22.0	3.6	14.1	6.9
Cone 4	12.1	2.7	7.9	3.5	11.8	4.1	10.2	3.2	15.9	2.0	10.2	3.2
Cone 5	9.5	1.6	6.1	2.2	9.0	2.2	7.8	2.2	12.2	1.0	7.8	2.2
<Cone 5	-9.1	1.0	-6.1	1.7	-9.0	0.9	-7.8	1.4	-12.2	0.4	-7.8	1.4

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                                  RESULTS
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          Test identification P112-113-114



                   Final value of the criterion 1.502E+00

               Relative flowrate in %

Feed          : 100
Overflow      : 81.75
Underflow     : 18.25
                                      Feed                         Overflow                         Underflow
                          Meas.  Adj.  %Res  STD  %Crt    Meas.  Adj.  %Res  STD  %Crt    Meas.  Adj.  %Res  STD  %Crt
Dilutions                  2.45  2.54  -3.6 0.85  0.7      3.17  3.05   3.6 1.08  0.7      0.22  0.22   0.0 0.02  0.0
% Solids                  29.00 28.28   2.5 0.00  0.0     24.00 24.67  -2.8 0.00  0.0     82.00 82.00  -0.0 0.00  0.0
-- Size intervals --
+ 100M                     2.80  2.93  -4.6 0.42  6.3      0.52  0.52   0.7 0.08  0.1     14.00 13.74   1.9 1.40  2.3
100/150                    3.20  3.16   1.2 0.45  0.5      1.40  1.41  -0.5 0.21  0.1     11.00 11.03  -0.2 0.88  0.1
150/200                    6.20  6.02   3.0 0.81  3.5      3.70  3.77  -1.9 0.55  1.1     16.00 16.07  -0.4 1.12  0.2
200/270                    6.90  6.48   6.1 0.83 17.5      3.80  3.87  -1.9 0.38  2.5     18.00 18.13  -0.7 1.08  1.0
270/400                   14.00 14.72  -5.2 1.40 17.8     13.00 12.67   2.5 1.04  6.6     24.00 23.90   0.4 1.20  0.4
 -400 M                   67.00 67.04  -0.1 5.36  0.0     78.00 77.98   0.0 3.90  0.0     18.00 18.00   0.0 0.90  0.0
 Cone 1                    1.80  1.53  14.9 0.54 16.2      1.30  1.31  -1.0 0.13  0.6      2.50  2.52  -0.9 0.38  0.3
 Cone 2                    6.60  6.15   6.8 1.32  7.7      5.90  5.97  -1.2 0.59  1.0      6.90  6.95  -0.7 1.03  0.2
 Cone 3                   12.00 11.58   3.5 1.20  8.3     13.00 13.20  -1.5 0.91  3.2      4.30  4.31  -0.2 0.43  0.0
 Cone 4                   11.00 10.96   0.4 1.10  0.1     13.00 13.02  -0.2 0.91  0.0      1.70  1.70  -0.0 0.17  0.0
 Cone 5                    6.30  6.36  -1.0 0.63  0.7      7.70  7.66   0.5 0.54  0.3      0.55  0.55   0.0 0.06  0.0
<Cone 5                   30.00 30.27  -0.9 99.99 0.0     37.00 36.67   0.9 99.99 0.0      1.60  1.60   0.0 15.98 0.0
-- Chemical elements --
Pb                         1.20  1.19   1.2 0.18  0.0      1.20  1.21  -0.4 0.12  0.0      1.10  1.10  -0.1 0.11  0.0
Zn                         1.60  1.46   8.5 0.24  0.0      1.20  1.23  -2.3 0.12  0.0      2.50  2.53  -1.1 0.25  0.0
Fe                        32.00 31.51   1.5 4.80  0.0     31.00 31.17  -0.5 3.10  0.0     33.00 33.04  -0.1 3.30  0.0
S                         32.00 31.49   1.6 8.00  0.0     30.00 30.24  -0.8 6.00  0.0     37.00 37.08  -0.2 7.40  0.0

-- Ch. elem. in size int. --
>> + 100M  <<
Pb                         0.54  0.55  -2.2 0.11  0.0      0.44  0.43   3.2 0.31  0.0      0.58  0.57   1.2 0.09  0.0
Zn                         1.30  1.28   1.9 0.26  0.0      1.20  1.40 -16.6 0.84  0.0      1.20  1.25  -4.5 0.18  0.0
Fe                         9.40  8.82   6.2 1.88  0.0      7.90  9.57 -21.1 5.53  0.0      8.20  8.69  -6.0 1.23  0.0
S                          4.60  5.73 -24.7 1.84  0.0      4.20  3.97   5.5 3.78  0.0      7.30  6.03  17.4 3.65  0.0
>> 100/150 <<
Pb                         0.76  0.77  -0.8 0.15  0.0      0.44  0.43   1.9 0.31  0.0      0.96  0.95   0.3 0.14  0.0
Zn                         1.90  1.91  -0.6 0.38  0.0      1.20  1.11   7.5 0.84  0.0      2.40  2.37   1.2 0.36  0.0
Fe                        14.00 13.60   2.9 2.80  0.0      7.90  8.85 -12.0 5.53  0.0     16.00 16.31  -1.9 2.40  0.0
S                         10.00 10.79  -7.9 4.00  0.0      4.20  4.14   1.4 3.78  0.0     15.00 14.59   2.7 7.50  0.0
>> 150/200 <<
Pb                         0.96  0.90   6.0 0.19  0.0      0.48  0.50  -3.5 0.14  0.0      1.30  1.33  -2.2 0.19  0.0
Zn                         2.70  2.48   8.2 0.54  0.0      1.10  1.38 -25.6 0.33  0.0      3.10  3.63 -17.2 0.46  0.0
Fe                        22.00 21.09   4.1 4.40  0.0     10.00 10.53  -5.3 3.00  0.0     31.00 32.20  -3.9 4.65  0.0
S                         21.00 20.05   4.5 8.40  0.0      6.20  6.26  -1.0 5.58  0.0     34.00 34.54  -1.6 17.00 0.0


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                                              Feed                              Overflow                            Underflow
                              Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt    Meas.  Adj.  %Res   STD  %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                             1.00  0.94   5.7  0.20   0.0     0.64  0.65  -1.4  0.12   0.0     1.20  1.22  -2.0  0.18   0.0
Zn                             2.30  2.27   1.4  0.46   0.0     2.10  2.17  -3.4  0.38   0.0     2.30  2.36  -2.7  0.34   0.0
Fe                            31.00 29.49   4.9  6.20   0.0    17.00 17.51  -3.0  3.06   0.0    39.00 40.96  -5.0  5.85   0.0
S                             31.00 30.89   0.4 12.40   0.0    14.00 14.01  -0.0  8.40   0.0    47.00 47.04  -0.1 23.50   0.0
>> 270/400 <<
Pb                             0.94  0.88   6.8  0.19   0.0     0.80  0.82  -2.3  0.12   0.0     1.00  1.01  -1.2  0.15   0.0
Zn                             1.40  1.44  -2.7  0.28   0.0     1.90  1.43  24.8  0.28   0.0     1.60  1.46   8.8  0.24   0.0
Fe                            34.00 33.50   1.5  6.80   0.0    28.00 29.37  -4.9  4.20   0.0    42.00 43.30  -3.1  6.30   0.0
S                             34.00 33.87   0.4 13.60   0.0    27.00 27.06  -0.2 16.20   0.0    50.00 50.06  -0.1 25.00   0.0
>>  -400 M <<
Pb                             1.30  1.29   0.6  0.19   0.0     1.30  1.31  -0.6  0.19   0.0     1.00  1.00  -0.0  0.10   0.0
Zn                             1.40  1.40  -0.1  0.21   0.0     1.50  1.40   6.9  0.22   0.0     1.50  1.50   0.2  0.15   0.0
Fe                            35.00 34.98   0.0  5.25   0.0    34.00 34.72  -2.1  5.10   0.0    40.00 40.02  -0.1  4.00   0.0
S                             35.00 34.92   0.2 14.00   0.0    34.00 34.30  -0.9 20.40   0.0    47.00 47.03  -0.1 28.20   0.0
>>  Cone 1 <<
Pb                             0.74  0.77  -4.2  0.37   0.0     0.74  0.73   1.9  0.30   0.0     0.88  0.88   0.5  0.26   0.0
Zn                             1.20  1.22  -1.7  0.60   0.0     1.40  1.38   1.7  0.56   0.0     0.86  0.86   0.3  0.26   0.0
Fe                            46.00 45.29   1.5 23.00   0.0    45.00 45.38  -0.8 18.00   0.0    45.00 45.09  -0.2 13.50   0.0
S                             50.00 50.88  -1.8 35.00   0.0    50.00 49.98   0.0 35.00   0.0    53.00 52.99   0.0 31.80   0.0
>>  Cone 2 <<
Pb                             0.80  0.81  -1.4  0.40   0.0     0.80  0.79   0.7  0.32   0.0     0.88  0.88   0.2  0.35   0.0
Zn                             1.40  1.37   1.9  0.70   0.0     1.30  1.39  -6.7  0.52   0.0     1.30  1.32  -1.7  0.52   0.0
Fe                            46.00 46.20  -0.4 23.00   0.0    47.00 46.54   1.0 18.80   0.0    45.00 44.89   0.2 18.00   0.0
S                             50.00 51.83  -3.7 35.00   0.0    52.00 51.79   0.4 36.40   0.0    52.00 51.96   0.1 31.20   0.0
>>  Cone 3 <<
Pb                             0.68  0.70  -2.9  0.20   0.0     0.70  0.69   1.3  0.14   0.0     0.82  0.82   0.1  0.16   0.0
Zn                             1.20  1.23  -2.2  0.36   0.0     1.50  1.22  18.6  0.30   0.0     1.30  1.28   1.2  0.26   0.0
Fe                            39.00 39.19  -0.5 11.70   0.0    40.00 39.21   2.0  8.00   0.0    39.00 38.95   0.1  7.80   0.0
S                             39.00 40.46  -3.8 23.40   0.0    41.00 40.21   1.9 32.80   0.0    44.00 43.96   0.1 26.40   0.0
>>  Cone 4 <<
Pb                             0.56  0.60  -8.0  0.14   0.0     0.62  0.60   3.1  0.09   0.0     0.74  0.74   0.2  0.15   0.0
Zn                             0.96  1.00  -3.8  0.24   0.0     1.90  0.99  47.8  0.28   0.0     1.20  1.18   1.6  0.24   0.0
Fe                            33.00 33.38  -1.1  8.25   0.0    35.00 33.36   4.7  5.25   0.0    34.00 33.92   0.2  6.80   0.0
S                             32.00 31.27   2.3 14.40   0.0    31.00 31.10  -0.3  9.30   0.0    37.00 37.02  -0.0 22.20   0.0
>>  Cone 5 <<
Pb                             0.56  0.59  -5.5  0.14   0.0     0.60  0.59   2.1  0.09   0.0     0.80  0.80   0.1  0.16   0.0
Zn                             0.98  0.91   7.4  0.24   0.0     0.74  0.90 -21.5  0.11   0.0     1.40  1.42  -1.2  0.28   0.0
Fe                            32.00 31.70   0.9  8.00   0.0    31.00 31.70  -2.2  4.65   0.0    32.00 32.02  -0.1  6.40   0.0
S                             30.00 30.04  -0.1 16.50   0.0    30.00 30.00   0.0 10.50   0.0    33.00 33.00   0.0 19.80   0.0
>> <Cone 5 <<
Pb                             2.10  2.05   2.4 20.98   0.0     2.00  2.05  -2.3 19.98   0.0     2.50  2.50  -0.0 24.97   0.0
Zn                             1.70  1.69   0.8 16.98   0.0     1.50  1.66 -10.8 14.98   0.0     4.10  4.11  -0.3 40.96   0.0
Fe                            32.00 31.88   0.4 99.99   0.0    30.00 31.91  -6.4 99.99   0.0    29.00 29.02  -0.1 99.99   0.0
S                             32.00 30.96   3.2 99.99   0.0    30.00 30.86  -2.9 99.99   0.0    42.00 42.02  -0.0 99.99   0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.4	1.4	1.3	2.4	2.0	4.1	57.2	55.0	66.7	39.1	41.6	27.9	60.9	58.4	72.1	4.8	5.5	1.8
+ 100M	0.6	0.5	0.7	2.1	2.3	2.1	9.4	6.0	10.0	87.9	91.2	87.3	12.1	8.8	12.7	4.3	6.6	3.9
100/150	0.9	0.5	1.1	3.1	1.8	3.9	18.2	6.6	24.8	77.8	91.1	70.2	22.2	8.9	29.8	5.0	5.7	4.5
150/200	1.0	0.6	1.5	4.1	2.3	6.0	34.9	10.3	60.8	60.0	86.9	31.7	40.0	13.1	68.3	4.6	5.6	3.6
200/270	1.1	0.7	1.4	3.7	3.6	3.9	55.4	24.0	85.4	39.8	71.7	9.3	60.2	28.3	90.7	3.5	6.1	1.0
270/400	1.0	0.9	1.2	2.4	2.3	2.4	61.7	49.0	91.9	34.9	47.7	4.5	65.1	52.3	95.5	4.7	6.4	0.4
-400 M	1.5	1.5	1.2	2.3	2.3	2.5	63.6	62.4	86.2	32.6	33.8	10.2	67.4	66.2	89.8	5.3	5.5	-0.2
Cone 1	0.9	0.8	0.0	2.0	2.3	0.0	93.8	91.9	1.0	3.3	5.0	0.0	96.7	95.0	1.0	1.6	2.5	44.6
Cone 2	0.9	0.9	1.0	2.3	2.3	2.2	95.4	95.3	95.7	1.4	1.5	1.2	98.6	98.5	98.8	1.7	2.1	0.3
Cone 3	0.8	0.8	0.9	2.0	2.0	2.1	74.3	73.8	80.8	22.9	23.4	16.2	77.1	76.6	93.8	4.5	4.8	1.3
Cone 4	0.7	0.7	0.9	1.6	1.6	1.9	57.3	57.0	67.9	40.3	40.6	29.3	59.7	59.4	70.7	6.6	6.7	2.2
Cone 5	0.7	0.7	0.9	1.5	1.5	2.3	55.2	55.1	60.1	42.7	42.8	36.6	57.3	57.2	63.4	6.0	6.0	3.9
<Cone 5	2.4	2.4	2.9	2.8	2.7	6.7	55.7	55.6	74.0	39.1	39.4	16.3	60.9	60.6	83.7	5.8	5.9	-5.8

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 1.6 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	18.3	0.0	16.9	0.0	31.5	0.0	21.3	0.0	13.0	0.0	21.6
+ 100M	180.0	85.6	180.0	88.9	180.0	84.2	180.0	90.8	180.0	85.0	180.0	89.5
100/150	126.0	63.6	126.0	79.5	126.0	78.9	126.0	86.8	126.0	57.4	126.0	85.4
150/200	89.0	48.7	89.0	71.8	89.0	71.4	89.0	84.9	89.0	25.7	89.0	83.2
200/270	63.0	51.1	63.0	66.3	63.0	53.2	63.0	78.8	63.0	11.9	63.0	77.0
270/400	45.0	29.6	45.0	34.2	45.0	30.1	45.0	44.1	45.0	3.8	45.0	43.5
-400 M	-37.0	4.9	-37.0	3.8	-37.0	5.2	-37.0	6.6	-37.0	1.5	-37.0	6.5
Cone 1	4.0	30.0	20.1	0.3	29.9	0.2	25.9	0.3	40.3	0.0	25.9	0.3
Cone 2	19.8	20.6	15.3	22.3	22.6	19.9	19.6	20.7	30.5	16.7	19.6	20.7
Cone 3	15.7	6.8	11.0	8.0	16.3	7.1	14.1	7.4	22.0	4.8	14.1	7.4
Cone 4	12.2	2.8	7.9	3.5	11.8	3.4	10.2	3.4	15.9	2.1	10.2	3.4
Cone 5	9.5	1.6	6.1	2.1	9.0	2.5	7.8	1.7	12.2	1.4	7.9	1.7
<Cone 5	-9.1	1.0	-6.1	1.2	-9.0	2.4	-7.8	1.3	-12.2	0.4	-7.8	1.3

M

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                                             RESULTS
                                             -------
                  Test identification P115-116-117



                          Final value of the criterion 2.558E+00

                     Relative flowrate in %

Feed        : 100
Overflow    : 69.13
Underflow   : 30.87
                                          Feed                           Overflow                          Underflow
                           Meas. Adj.  %Res  STD  %Crt     Meas. Adj.  %Res  STD  %Crt     Meas. Adj.  %Res  STD  %Crt
Dilutions                   2.45  2.42   1.3 0.86  0.1      3.35  3.39  -1.3 1.21  0.1      0.23  0.23  -0.0 0.03  0.0
% Solids                   29.00 29.27  -0.9 0.00  0.0     23.00 22.77   1.0 0.00  0.0     81.00 81.00   0.0 0.00  0.0
-- Size intervals --
+ 100M                      2.80  2.59   7.4 0.42  9.5      0.31  0.31  -0.6 0.05  0.1      7.50  7.70  -2.7 0.75  2.9
100/150                     3.10  3.13  -1.1 0.43  0.2      0.93  0.93   0.3 0.14  0.0      8.10  8.08   0.3 0.65  0.1
150/200                     6.70  6.73  -0.4 0.87  0.0      2.60  2.60   0.2 0.39  0.0     16.00 15.99   0.1 1.12  0.0
200/270                     6.90  7.05  -2.2 0.83  1.3      3.10  3.09   0.5 0.31  0.1     16.00 15.94   0.4 0.96  0.2
270/400                    17.00 16.73   1.6 1.70  1.0      9.40  9.44  -0.4 0.75  0.1     33.00 33.08  -0.2 1.65  0.1
 -400 M                    63.00 63.70  -1.1 5.04  0.8     84.00 83.66   0.4 4.20  0.3     19.00 18.99   0.0 0.95  0.0
 Cone 1                     1.30  1.74 -34.0 0.39 50.1      1.90  1.83   3.8 0.19  5.7      1.60  1.55   3.2 0.24  1.8
 Cone 2                     6.70  7.19  -7.2 1.34  5.1      7.10  7.01   1.3 0.71  0.7      7.70  7.59   1.4 1.16  0.4
 Cone 3                    12.00 12.03  -0.2 1.20  0.0     15.00 14.99   0.1 1.05  0.0      5.40  5.40   0.0 0.54  0.0
 Cone 4                    11.00 10.47   4.8 1.10  9.1     14.00 14.29  -2.1 0.98  3.5      1.90  1.90  -0.3 0.19  0.0
 Cone 5                     6.00  5.79   3.5 0.60  5.0      8.00  8.13  -1.6 0.55  2.1      0.54  0.54  -0.1 0.05  0.0
<Cone 5                    27.00 26.91   0.3 99.99 0.0     38.00 38.12  -0.3 99.99 0.0      1.80  1.80  -0.0 17.98 0.0
-- Chemical elements --
Pb                          0.98  1.00  -1.6 0.15  0.0      1.00  0.99   0.5 0.10  0.0      1.00  1.00   0.2 0.10  0.0
Zn                          1.80  1.81  -0.7 0.27  0.0      1.60  1.60   0.2 0.16  0.0      2.30  2.30   0.1 0.23  0.0
Fe                         35.00 34.94   0.2 5.25  0.0     34.00 34.02  -0.1 3.40  0.0     37.00 37.01  -0.0 3.70  0.0
S                          38.00 38.17  -0.5 9.50  0.0     37.00 36.93   0.2 7.40  0.0     41.00 40.96   0.1 8.20  0.0

-- Ch. elem. in size int. --
>> + 100M  <<
Pb                          0.82  0.77   6.1 0.16  0.0      0.58  0.63  -9.0 0.58  0.0      0.76  0.78  -2.9 0.11  0.0
Zn                          2.30  2.26   1.6 0.46  0.0      1.10  1.16  -5.3 1.10  0.0      2.30  2.36  -2.8 0.34  0.0
Fe                         17.00 15.00  11.8 3.40  0.0     14.00 17.23 -23.0 14.00 0.0     14.00 14.80  -5.7 2.10  0.0
S                          14.00 12.96   7.4 5.60  0.0     10.00 10.05  -0.5 10.00 0.0 .   13.00 13.22  -1.7 6.50  0.0
>> 100/150 <<
Pb                          0.94  0.93   1.5 0.19  0.0      0.58  0.61  -4.8 0.58  0.0      1.00  1.01  -0.7 0.15  0.0
Zn                          3.00  2.92   2.7 0.60  0.0      1.10  1.29 -17.1 1.10  0.0      3.20  3.34  -4.3 0.48  0.0
Fe                         22.00 21.11   4.0 4.40  0.0     14.00 15.98 -14.2 14.00 0.0     22.00 22.43  -1.9 3.30  0.0
S                          21.00 20.44   2.7 8.40  0.0     10.00 10.02  -0.2 10.00 0.0     23.00 23.12  -0.5 11.50 0.0
>> 150/200 <<
Pb                          1.00  1.02  -1.7 0.20  0.0      0.58  0.54   6.6 0.58  0.0      1.20  1.19   0.8 0.18  0.0
Zn                          3.30  3.23   2.0 0.66  0.0      1.40  1.93 -38.0 1.40  0.0      3.50  3.71  -5.9 0.52  0.0
Fe                         29.00 29.23  -0.8 5.80  0.0     12.00 11.45   4.6 12.00 0.0     36.00 35.70   0.8 5.40  0.0
S                          30.00 32.27  -7.6 12.00 0.0      8.80  8.73   0.9 8.80  0.0     42.00 40.83   2.8 21.00 0.0
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                                                   -                         Cont....


                                Feed                              Overflow                              Underflow
                     Meas.  Adj.  %Res   STD  %Crt      Meas.  Adj.  %Res   STD  %Crt      Meas.  Adj.  %Res   STD  %Crt
-- Ch. elem. in size int. --
>> 200/270 <<
Pb                    0.92  0.91   0.9  0.18  0.0       0.70  0.70  -0.2  0.13  0.0       1.00  1.00  -0.4  0.15  0.0
Zn                    2.60  2.56   1.4  0.52  0.0       1.70  1.73  -1.7  0.31  0.0       2.80  2.93  -4.5  0.42  0.0
Fe                   34.00 34.92  -2.7  6.80  0.0      18.00 17.83   1.0  3.24  0.0      44.00 42.33   3.9  6.60  0.0
S                    35.00 36.51  -4.3 14.00  0.0      16.00 15.96   0.3  9.60  0.0      46.00 45.43   1.2 23.00  0.0
>> 270/400 <<
Pb                    0.78  0.80  -2.0  0.16  0.0       0.74  0.74   0.4  0.11  0.0       0.84  0.83   0.8  0.13  0.0
Zn                    2.20  2.08   5.2  0.44  0.0       1.80  2.16 -19.8  0.27  0.0       1.60  2.04 -27.5  0.24  0.0
Fe                   37.00 37.59  -1.6  7.40  0.0      29.00 28.36   2.2  4.35  0.0      46.00 43.49   5.5  6.90  0.0
S                    39.00 40.86  -4.8 15.60  0.0      29.00 28.60   1.4 17.40  0.0      50.00 48.70   2.6 25.00  0.0
>>  -400 M <<
Pb                    1.00  1.04  -4.0  0.15  0.0       1.10  1.06   4.0  0.16  0.0       0.88  0.88   0.1  0.09  0.0
Zn                    1.50  1.50   0.0  0.22  0.0       1.50  1.54  -2.6  0.22  0.0       1.10  1.10  -0.1  0.11  0.0
Fe                   37.00 37.00   0.0  5.55  0.0      36.00 36.18  -0.5  5.40  0.0      45.00 45.01  -0.0  4.50  0.0
S                    40.00 39.45   1.4 16.00  0.0      37.00 38.66  -4.5 22.20  0.0      47.00 47.27  -0.6 28.20  0.0
>>  Cone 1 <<
Pb                    0.56  0.67 -19.1  0.28  0.0       0.76  0.67  12.1  0.30  0.0       0.68  0.66   2.3  0.20  0.0
Zn                    1.60  1.36  14.9  0.80  0.0       1.30  1.49 -14.6  0.52  0.0       1.00  1.02  -2.4  0.30  0.0
Fe                   46.00 44.65   2.9 23.00  0.0      43.00 43.70  -1.6 17.20  0.0      47.00 47.18  -0.4 14.10  0.0
S                    51.00 46.01   9.8 35.70  0.0      44.00 44.11  -0.2 30.80  0.0      51.00 51.04  -0.1 30.60  0.0
>>  Cone 2 <<
Pb                    0.58  0.63  -8.0  0.29  0.0       0.62  0.60   3.7  0.25  0.0       0.70  0.69   2.0  0.28  0.0
Zn                    1.40  1.39   0.4  0.70  0.0       1.50  1.53  -2.2  0.60  0.0       1.10  1.11  -0.8  0.44  0.0
Fe                   46.00 45.99   0.0 23.00  0.0      45.00 45.02  -0.0 18.00  0.0      48.00 48.01  -0.0 19.20  0.0
S                    50.00 50.00   0.0 35.00  0.0      50.00 50.00   0.0 35.00  0.0      50.00 50.00   0.0 30.00  0.0
>> .Cone 3 <<
Pb                    0.50  0.54  -8.5  0.15  0.0       0.54  0.52   3.5  0.11  0.0       0.68  0.58   0.7  0.14  0.0
Zn                    1.10  1.12  -2.0  0.33  0.0       1.40  1.10  21.4  0.28  0.0       1.30  1.26   3.2  0.26  0.0
Fe                   41.00 40.96   0.1 12.30  0.0      40.00 40.15  -0.4  8.00  0.0      46.00 46.03  -0.1  9.20  0.0
S                    45.00 41.55   7.7 27.00  0.0      39.00 40.16  -3.0 31.20  0.0      50.00 50.17  -0.3 30.00  0.0
>>  Cone 4 <<
Pb                    0.44  0.48  -8.2  0.11  0.0       0.48  0.47   3.0  0.07  0.0       0.66  0.66   0.4  0.13  0.0
Zn                    0.94  0.95  -1.5  0.23  0.0       1.10  0.96  13.0  0.16  0.0       0.92  0.91   1.2  0.18  0.0
Fe                   37.00 36.82   0.5  9.25  0.0      36.00 36.63  -1.7  5.40  0.0      40.00 40.08  -0.2  8.00  0.0
S                    38.00 38.20  -0.5 17.10  0.0      38.00 37.98   0.1 11.40  0.0      42.00 41.99   0.0 25.20  0.0
>>  Cone 5 <<
Pb                    0.46  0.48  -5.2  0.11  0.0       0.48  0.47   1.9  0.07  0.0       0.92  0.92   0.2  0.18  0.0
Zn                    0.90  0.90  -0.1  0.22  0.0       0.90  0.90   0.3  0.13  0.0       1.00  1.00   0.0  0.20  0.0
Fe                   35.00 35.01  -0.0  8.75  0.0      35.00 34.98   0.1  5.25  0.0      36.00 36.00   0.0  7.20  0.0
S                    35.00 34.06   2.7 19.25  0.0      35.00 35.06  -0.2 12.25  0.0       0.37  0.37  -0.0  0.22  0.0
>> <Cone 5 <<
Pb                    1.70  1.71  -0.6 15.99  0.0       1.70  1.69   0.6 16.98  0.0       2.70  2.70   0.0 26.97  0.0
Zn                    2.20  2.16   1.7 21.98  0.0       1.80  2.18 -21.3 17.98  0.0       1.20  1.20  -0.3 11.99  0.0
Fe                   34.00 33.93   0.2 99.99  0.0      33.00 33.86  -2.6 99.99  0.0      37.00 37.02  -0.1 99.99  0.0
S                    36.00 34.85   3.2 99.99  0.0      34.00 34.80  -2.4 99.99  0.0      37.00 37.02  -0.1 99.99  0.0
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	Galena			Marmatite			Pyrite			Non-sulf.			Sulfides			Remain Fe		
	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.	Feed	Over	Und.
Heads	1.1	1.1	1.2	3.0	2.6	3.8	69.4	67.3	74.2	26.5	29.0	20.9	73.5	71.0	79.1	2.5	2.6	2.3
+ 100M	0.9	0.7	0.9	3.7	1.9	3.9	21.9	17.5	22.3	73.5	79.8	72.9	26.5	20.2	27.1	4.6	9.0	4.2
100/150	1.1	0.7	1.2	4.8	2.1	5.5	35.3	17.4	39.9	58.9	79.8	53.5	41.1	20.2	46.5	4.4	7.8	3.6
150/200	1.2	0.6	1.4	5.3	3.2	6.1	57.0	14.4	72.6	36.5	81.8	20.0	63.5	18.2	80.0	2.4	4.6	1.6
200/270	1.1	0.8	1.2	4.2	2.8	4.8	65.6	28.0	81.9	29.1	68.3	12.1	70.9	31.7	87.9	4.2	4.6	4.0
270/400	0.9	0.9	1.0	3.4	3.5	3.3	74.2	51.3	88.9	21.4	44.4	6.8	78.6	55.6	93.2	2.9	4.3	1.9
-400 M	1.2	1.2	1.0	2.5	2.5	1.8	72.1	70.5	87.1	24.3	25.7	10.1	75.7	74.3	89.9	3.3	3.2	4.4
Cone 1	0.8	0.8	0.8	2.2	2.4	1.7	84.6	80.9	94.3	12.4	15.9	3.3	87.6	84.1	96.7	5.2	5.9	3.2
Cone 2	0.7	0.7	0.8	2.3	2.5	1.8	92.0	91.9	92.2	5.0	4.9	5.2	95.0	95.1	94.8	3.1	2.1	5.0
Cone 3	0.6	0.6	0.8	1.8	1.8	2.1	76.5	73.9	92.4	21.1	23.7	4.7	78.9	76.3	95.3	5.3	5.7	2.9
Cone 4	0.5	0.5	0.8	1.6	1.6	1.5	70.4	70.0	77.5	27.5	27.9	20.3	72.5	72.1	79.7	4.0	4.0	4.0
Cone 5	0.6	0.5	1.1	1.5	1.5	1.6	62.7	64.6	-0.5	35.3	33.4	97.8	64.7	66.6	2.2	5.8	4.9	36.1
<Cone 5	2.0	2.0	3.1	3.5	3.6	2.0	62.6	62.6	67.3	31.8	31.9	27.6	68.2	68.1	72.4	4.6	4.6	5.6

TABLE OF EFFICIENCIES (% reported to underflow)

Water split: 3.0 %

	Diam. (um)	Eff. Ore	Diam. (um)	Eff. Gal.	Diam. (um)	Eff. Mar.	Diam. (um)	Eff. Pyr.	Diam. (um)	Eff. N.Sul.	Diam. (um)	Eff. Sulf.
Heads	0.0	30.9	0.0	30.9	0.0	39.1	0.0	33.0	0.0	24.4	0.0	33.2
+ 100M	180.0	91.7	180.0	93.2	180.0	95.7	180.0	93.4	180.0	91.0	180.0	93.7
100/150	126.0	79.5	126.0	86.6	126.0	91.0	126.0	89.9	126.0	72.3	126.0	90.0
150/200	89.0	73.3	89.0	85.8	89.0	84.1	89.0	93.3	89.0	40.2	89.0	92.4
200/270	63.0	69.8	63.0	76.8	63.0	79.6	63.0	87.1	63.0	29.0	63.0	86.5
270/400	45.0	61.0	45.0	63.9	45.0	59.7	45.0	73.1	45.0	19.3	45.0	72.4
-400 M	-37.0	9.2	-37.0	7.8	-37.0	6.8	-37.0	11.1	-37.0	3.8	-37.0	10.9
Cone 1	28.0	27.4	20.6	27.3	30.6	20.6	26.5	30.6	41.3	7.2	26.5	30.3
Cone 2	20.6	32.6	15.6	35.7	23.2	25.9	20.1	32.7	31.3	33.6	20.1	32.5
Cone 3	15.7	13.9	11.3	17.2	16.7	15.5	14.5	16.7	22.5	3.1	14.5	16.7
Cone 4	11.8	5.6	8.1	7.8	12.1	5.4	10.4	6.2	16.3	4.1	10.5	6.2
Cone 5	10.2	2.9	6.3	5.5	9.3	3.2	8.0	-0.0	12.5	8.0	8.1	0.1
<Cone 5	-9.3	2.1	-6.3	3.3	-9.3	1.1	-8.0	2.2	-12.5	1.8	-8.0	2.2

M

Appendix D

Cyclone Mass and Assay Test Data
Unadjusted

B.M.+S.--Metallurgical Laboratory Report

6043-35				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.55		2.44			15.66	10.37	3.55	####	4.26	####	####	1.53	1.05
+150 M	3.15		2.12			22.34	16.59	3.15	####	3.28	####	####	1.94	1.49
+200 M	6.06		2.29			31.22	29.24	6.06	####	6.79	####	####	5.21	5.04
+270 M	6.65		2.08			36.35	36.29	6.65	####	6.80	####	####	6.66	6.87
+400 M	13.22		1.54			39.02	39.40	13.22	####	10.03	####	####	14.20	14.82
-400 M	67.37		2.08			38.00	36.91	67.37	####	68.87	####	####	70.47	70.74
+#1 Conc	3.73		1.12			47.96	49.15	3.73	####	2.05	####	####	4.92	5.22
+#2 C	8.96		1.40			46.62	48.94	8.96	####	6.16	####	####	11.50	12.47
+#3 C	12.20		0.96			40.22	40.02	12.20	####	5.76	####	####	13.51	13.89
+#4 C	10.22		0.82			38.38	36.29	10.22	####	4.12	####	####	10.80	10.55
+#5 C	5.94		1.24			36.62	32.14	5.94	####	3.62	####	####	5.99	5.43
-#5 C	26.32	0.00	3.65	0.00	0.00	32.79	30.95	26.32	####	47.16	####	####	23.76	23.18
Head (Asy)			1.78			36.28	34.84							
Head (Calc)	100.00	0.00	2.03	0.00	0.00	36.33	35.15	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.55	0.00	2.44	0.00	0.00	15.66	10.37	3.55	####	4.26	####	####	1.53	1.05
1 to 2	6.70	0.00	2.29	0.00	0.00	18.80	13.29	6.70	####	7.54	####	####	3.47	2.53
1 to 3	12.76	0.00	2.29	0.00	0.00	24.70	20.87	12.76	####	14.33	####	####	8.68	7.57
1 to 4	19.41	0.00	2.21	0.00	0.00	28.69	26.15	19.41	####	21.13	####	####	15.33	14.44
1 to 5	32.63	0.00	1.94	0.00	0.00	32.89	31.52	32.63	####	31.13	####	####	29.53	29.26
6 to 6	3.73	0.00	1.12	0.00	0.00	47.96	49.15	3.73	####	2.05	####	####	4.92	5.22
6 to 7	12.69	0.00	1.32	0.00	0.00	47.01	49.00	12.69	####	8.22	####	####	16.42	17.69
6 to 8	24.89	0.00	1.14	0.00	0.00	43.68	44.60	24.89	####	13.97	####	####	29.93	31.58
6 to 9	35.11	0.00	1.05	0.00	0.00	42.14	42.13	35.11	####	18.09	####	####	40.73	42.13
6 to 10	41.05	0.00	1.08	0.00	0.00	41.34	40.73	41.05	####	21.71	####	####	46.71	47.57
6 to 11	67.37	0.00	2.08	0.00	0.00	38.00	36.91	67.37	####	68.87	####	####	70.47	70.74

B.M.+S.--Metallurgical Laboratory Report

6043-036				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.52		0.78			8.28	3.53	0.52	####	0.28	####	####	0.12	0.05
+150 M	0.25		0.73			8.28	3.53	0.25	####	0.13	####	####	0.06	0.03
+200 M	1.66		0.78			8.28	3.53	1.66	####	0.90	####	####	0.40	0.18
+270 M	1.82		0.86			11.76	4.90	1.82	####	1.08	####	####	0.62	0.27
+400 M	8.66		2.32			23.36	21.57	8.66	####	12.10	####	####	5.86	5.59
-400 M	87.09		1.42			36.92	36.09	87.09	####	85.31	####	####	92.93	93.89
+01 Conc	1.47		1.59			46.88	48.74	1.47	####	1.61	####	####	2.00	2.14
+02 C	7.56		1.59			46.88	48.74	7.56	####	8.26	####	####	10.27	11.01
+03 C	15.92		1.40			41.88	41.27	15.92	####	15.41	####	####	19.29	19.65
+04 C	14.36		1.26			36.72	27.23	14.36	####	12.51	####	####	15.28	16.81
+05 C	8.46		0.60			35.62	32.35	8.46	####	3.51	####	####	8.73	8.19
-05 C	39.32	0.00	1.63	0.00	0.00	32.57	31.44	39.32	####	44.21	####	####	37.12	36.98
Head (Asy)			1.68			35.62	33.39							
Head (Calc)	100.00	0.00	1.45	0.00	0.00	34.53	33.43	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.52	0.00	0.78	0.00	0.00	8.28	3.53	0.52	####	0.28	####	####	0.12	0.05
1 to 2	0.77	0.00	0.78	0.00	0.00	8.28	3.53	0.77	####	0.42	####	####	0.18	0.08
1 to 3	2.43	0.00	0.78	0.00	0.00	8.28	3.53	2.43	####	1.31	####	####	0.58	0.26
1 to 4	4.25	0.00	0.81	0.00	0.00	9.77	4.15	4.25	####	2.39	####	####	1.20	0.53
1 to 5	12.91	0.00	1.62	0.00	0.00	18.89	15.84	12.91	####	14.49	####	####	7.07	6.11
6 to 6	1.47	0.00	1.59	0.00	0.00	46.88	48.74	1.47	####	1.61	####	####	2.00	2.14
6 to 7	9.03	0.00	1.59	0.00	0.00	46.88	48.74	9.03	####	9.87	####	####	12.27	13.15
6 to 8	24.95	0.00	1.47	0.00	0.00	43.64	43.97	24.95	####	25.28	####	####	31.55	32.77
6 to 9	39.31	0.00	1.39	0.00	0.00	41.11	41.55	39.31	####	37.79	####	####	46.84	48.79
6 to 10	47.77	0.00	1.25	0.00	0.00	40.32	39.92	47.77	####	41.30	####	####	55.82	56.96
6 to 11	87.09	0.00	1.42	0.00	0.00	36.92	36.09	87.09	####	85.31	####	####	92.93	93.89

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                              B.M.+S.--Metallurgical   Laboratory  Report

6043-037                              Assays                                                     Distribution
Product       Wt (g)   % Pb   % Zn   % Cu  oz/t Ag  % Fe    % S     Wt %     % Pb     % Zn    % Cu     % Ag      % Fe     % S
+100   M      10.20           1.24                  12.82   7.88    10.20    ####     7.64    ####     ####      3.50     2.14
+150   M       9.21           1.53                  21.08  15.25     9.21    ####     8.79    ####     ####      5.19     3.77
+200   M      16.44           2.22                  35.62  35.26    16.44    ####    23.04    ####     ####     15.65    15.46
+270   M      17.98           2.26                  42.66  44.59    17.98    ####    24.54    ####     ####     20.50    21.38
+400   M      29.14           1.32                  44.64  46.45    29.14    ####    22.23    ####     ####     34.77    36.09
-400   M      17.03           1.24                  44.80  46.59    17.03    ####    12.76    ####     ####     20.39    21.16
+#1  Conc      4.01           0.48                  47.84  49.77     4.01    ####     1.16    ####     ####      5.13     5.32
+#2   C        7.21           1.38                  46.60  48.94     7.21    ####     6.01    ####     ####      8.98     9.41
+#3   C        3.30           1.22                  41.54  44.58     3.30    ####     2.63    ####     ####      3.66     3.92
+#4   C        1.10           1.28                  36.52  35.46     1.10    ####     0.85    ####     ####      1.07     1.04
+#5   C        0.29           1.28                  36.52  35.46     0.29    ####     0.22    ####     ####      0.28     0.27
-#5   C        1.12   0.00    2.77   0.00    0.00  42.21  39.81     1.12    ####     1.88    ####     ####      1.26     1.19
Head (Assy)                   1.18                  37.64  38.78
Head (Calc)  100.00   0.00    1.66   0.00    0.00  37.41  37.50   100.00    ####   100.00    ####     ####    100.00   100.00

Absolute   Cumulative    Report
                                      Assays                                                     Distribution
Product       Wt (g)   % Pb   % Zn   % Cu  oz/t Ag  % Fe    % S     Wt %     % Pb     % Zn    % Cu     % Ag      % Fe     % S
1 to 1        10.20   0.00    1.24   0.00    0.00  12.82   7.68    10.20    ####     7.64    ####     ####      3.50     2.14
1 to 2        19.41   0.00    1.40   0.00    0.00  16.74  11.42    19.41    ####    16.43    ####     ####      8.68     5.91
1 to 3        35.85   0.00    1.82   0.00    0.00  25.40  22.25    35.85    ####    39.47    ####     ####     24.34    21.37
1 to 4        53.83   0.00    1.57   0.00    0.00  31.16  29.78    53.83    ####    64.01    ####     ####     44.34    42.75
1 to 5        82.97   0.00    1.74   0.00    0.00  35.90  35.64    82.97    ####    87.24    ####     ####     79.61    78.84

6 to 6         4.01   0.00    0.48   0.00    0.00  47.84  49.77     4.01    ####     1.16    ####     ####      5.13     5.32
6 to 7        11.22   0.00    1.06   0.00    0.00  47.04  49.24    11.22    ####     7.17    ####     ####     14.11    14.73
6 to 8        14.52   0.00    1.12   0.00    0.00  45.79  48.15    14.52    ####     9.80    ####     ####     17.77    18.65
6 to 9        15.62   0.00    1.13   0.00    0.00  45.14  47.28    15.62    ####    10.65    ####     ####     18.85    19.69
6 to 10       15.91   0.00    1.13   0.00    0.00  44.98  47.07    15.91    ####    10.88    ####     ####     19.13    19.97
6 to 11       17.03   0.00    1.24   0.00    0.00  44.80  46.59    17.03    ####    12.76    ####     ####     20.39    21.16
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6043-038				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.02		0.94			10.76	4.56	0.02	####	0.01	####	####	0.01	0.00
+150 M	0.03		0.94			10.76	4.56	0.03	####	0.01	####	####	0.01	0.00
+200 M	0.87		0.94			10.76	4.56	0.87	####	0.42	####	####	0.28	0.12
+270 M	1.80		0.98			10.98	3.32	1.80	####	0.90	####	####	0.53	0.19
+400 M	7.29		2.18			19.66	11.82	7.29	####	8.08	####	####	4.23	2.67
-400 M	89.99		1.98			35.72	34.84	89.99	####	90.53	####	####	94.89	97.02
+#1 Conc	1.04		1.78			45.16	49.77	1.04	####	0.94	####	####	1.39	1.60
+#2 C	4.55		1.78			45.16	49.77	4.55	####	4.12	####	####	6.07	7.31
+#3 C	15.64		1.94			41.90	43.55	15.64	####	15.43	####	####	19.25	21.03
+#4 C	15.48		1.42			36.52	37.12	15.48	####	11.18	####	####	16.69	17.78
+#5 C	9.53		1.02			35.90	34.43	9.53	####	4.94	####	####	10.10	10.15
-#5 C	43.75	0.00	2.43	0.00	0.00	31.98	29.10	43.75	####	53.98	####	####	41.31	39.40
Head (Asy)			2.04			34.76	31.10							
Head (Calc)	100.00	0.00	1.97	0.00	0.00	33.87	32.22	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.02	0.00	0.94	0.00	0.00	10.76	4.56	0.02	####	0.01	####	####	0.01	0.00
1 to 2	0.05	0.00	0.94	0.00	0.00	10.76	4.56	0.05	####	0.02	####	####	0.02	0.01
1 to 3	0.92	0.00	0.94	0.00	0.00	10.76	4.56	0.92	####	0.44	####	####	0.29	0.13
1 to 4	2.72	0.00	0.97	0.00	0.00	10.91	3.74	2.72	####	1.34	####	####	0.88	0.31
1 to 5	10.01	0.00	1.85	0.00	0.00	17.23	9.62	10.01	####	9.42	####	####	5.11	2.98
6 to 6	1.04	0.00	1.78	0.00	0.00	45.16	49.77	1.04	####	0.94	####	####	1.39	1.60
6 to 7	5.59	0.00	1.78	0.00	0.00	45.16	49.77	5.59	####	5.06	####	####	7.45	8.61
6 to 8	21.23	0.00	1.90	0.00	0.00	42.76	45.19	21.23	####	20.49	####	####	26.80	29.69
6 to 9	36.71	0.00	1.70	0.00	0.00	40.13	41.79	36.71	####	31.66	####	####	43.49	47.47
6 to 10	46.24	0.00	1.56	0.00	0.00	39.26	40.27	46.24	####	36.60	####	####	53.59	57.62
6 to 11	89.99	0.00	1.98	0.00	0.00	35.72	34.84	89.99	####	90.53	####	####	94.89	97.02

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6043-039				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.75		1.20			14.22	12.65	5.75	####	4.17	####	####	2.08	1.66
+150 M	6.42		1.28			19.84	27.37	6.42	####	4.96	####	####	3.25	4.01
+200 M	12.94		1.14			37.54	40.44	12.94	####	6.91	####	####	12.38	11.95
-270 M	13.62		1.94			39.06	48.06	13.62	####	15.96	####	####	13.56	14.95
+400 M	27.35		2.16			41.86	49.46	27.35	####	35.66	####	####	29.19	30.91
-400 M	33.92		1.48			45.72	47.11	33.92	####	30.22	####	####	39.54	36.50
+#1 Core	3.37		0.74			46.56	51.91	3.37	####	1.51	####	####	4.00	4.00
+#2 C	16.44		1.26			47.74	48.06	16.44	####	13.50	####	####	20.01	18.05
+#3 C	11.20		1.52			44.30	45.92	11.20	####	12.31	####	####	12.65	11.75
+#4 C	1.48		0.90			34.92	35.96	1.48	####	0.80	####	####	1.32	1.22
+#5 C	0.36		0.90			34.92	35.96	0.36	####	0.20	####	####	0.32	0.30
-#5 C	1.07	0.00	3.09	0.00	0.00	45.47	49.03	1.07	####	2.00	####	####	1.24	1.20
Head (Asy)			1.12			40.08	42.99							
Head (Calc)	100.00	0.00	1.66	0.00	0.00	39.23	43.78	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.75	0.00	1.20	0.00	0.00	14.22	12.65	5.75	####	4.17	####	####	2.08	1.66
1 to 2	12.17	0.00	1.24	0.00	0.00	17.18	20.42	12.17	####	9.13	####	####	5.33	5.68
1 to 3	25.11	0.00	1.19	0.00	0.00	27.67	30.73	25.11	####	18.04	####	####	17.72	17.63
1 to 4	38.73	0.00	1.45	0.00	0.00	31.68	36.83	38.73	####	34.00	####	####	31.28	32.58
1 to 5	66.08	0.00	1.75	0.00	0.00	35.89	42.06	66.08	####	69.68	####	####	60.46	63.50
6 to 6	3.37	0.00	0.74	0.00	0.00	46.56	51.91	3.37	####	1.51	####	####	4.00	4.00
6 to 7	19.81	0.00	1.25	0.00	0.00	47.54	48.71	19.81	####	15.01	####	####	24.01	22.05
6 to 8	31.01	0.00	1.46	0.00	0.00	46.37	47.71	31.01	####	27.32	####	####	36.66	33.79
6 to 9	32.49	0.00	1.43	0.00	0.00	45.85	47.17	32.49	####	28.13	####	####	37.97	35.01
6 to 10	32.85	0.00	1.43	0.00	0.00	45.73	47.05	32.85	####	28.32	####	####	38.30	35.31
6 to 11	33.92	0.00	1.46	0.00	0.00	45.72	47.11	33.92	####	30.22	####	####	39.54	36.50

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6043-040			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.06		0.60			15.54	5.68	0.06	####	0.03	####	####	0.03	0.01
+150 M	0.04		0.60			15.54	5.68	0.04	####	0.02	####	####	0.02	0.01
+200 M	0.69		0.60			15.54	5.68	0.69	####	0.32	####	####	0.31	0.12
+270 M	1.48		0.82			10.58	4.06	1.48	####	0.94	####	####	0.45	0.18
+400 M	6.98		1.16			17.10	9.12	6.98	####	6.25	####	####	3.45	1.90
-400 M	90.75		1.32			36.54	36.09	90.75	####	92.45	####	####	95.75	97.79
+#1 Conc	0.93		1.78			48.16	48.26	0.93	####	1.28	####	####	1.29	1.34
+#2 C	3.59		1.78			48.16	48.26	3.59	####	4.73	####	####	4.99	5.17
+#3 C	15.37		1.30			42.90	44.61	15.37	####	15.42	####	####	18.99	20.47
+#4 C	16.02		1.52			40.86	37.92	16.02	####	18.79	####	####	18.90	18.14
+#5 C	9.70		1.12			36.94	33.26	9.70	####	8.38	####	####	10.35	9.63
-#5 C	45.14	0.00	1.25	0.00	0.00	31.63	31.93	45.14	####	43.64	####	####	41.22	43.03
Head (Asy)			1.59			35.20	33.86							
Head (Calc)	100.00	0.00	1.30	0.00	0.00	34.63	33.49	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.06	0.00	0.60	0.00	0.00	15.54	5.68	0.06	####	0.03	####	####	0.03	0.01
1 to 2	0.10	0.00	0.60	0.00	0.00	15.54	5.68	0.10	####	0.05	####	####	0.04	0.02
1 to 3	0.79	0.00	0.60	0.00	0.00	15.54	5.68	0.79	####	0.37	####	####	0.35	0.13
1 to 4	2.27	0.00	0.74	0.00	0.00	12.31	4.62	2.27	####	1.30	####	####	0.81	0.31
1 to 5	9.25	0.00	1.06	0.00	0.00	15.92	8.02	9.25	####	7.55	####	####	4.25	2.21
6 to 6	0.93	0.00	1.78	0.00	0.00	48.16	48.26	0.93	####	1.29	####	####	1.29	1.34
6 to 7	4.52	0.00	1.78	0.00	0.00	48.16	48.26	4.52	####	6.21	####	####	6.29	6.51
6 to 8	19.89	0.00	1.41	0.00	0.00	44.02	45.44	19.89	####	21.63	####	####	25.29	26.98
6 to 9	35.91	0.00	1.46	0.00	0.00	42.61	42.38	35.91	####	40.42	####	####	44.18	45.12
6 to 10	45.61	0.00	1.39	0.00	0.00	41.40	40.21	45.61	####	48.81	####	####	54.53	54.75
6 to 11	90.75	0.00	1.32	0.00	0.00	36.54	36.37	90.75	####	92.45	####	####	95.75	97.79

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6043-041			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.01		0.86			15.82	6.08	6.01	####	3.56	####	####	2.42	0.94
+150 M	5.97		1.50			20.62	12.37	5.97	####	6.17	####	####	3.14	1.90
+200 M	13.10		1.84			29.46	25.96	13.10	####	16.60	####	####	9.84	8.76
+270 M	13.02		1.80			39.72	39.34	13.02	####	16.14	####	####	13.19	13.20
+400 M	34.79		1.70			45.08	47.86	34.79	####	40.73	####	####	39.99	42.90
-400 M	27.11		0.90			45.44	46.23	27.11	####	16.80	####	####	31.41	32.29
+#1 Conc	1.85		0.94			48.96	52.11	1.85	####	1.20	####	####	2.31	2.48
+#2 C	11.81		0.54			47.52	52.11	11.81	####	4.39	####	####	14.31	15.86
+#3 C	7.49		1.42			46.42	47.86	7.49	####	7.32	####	####	8.87	9.24
+#4 C	2.28		1.29			42.19	42.79	2.28	####	2.01	####	####	2.45	2.53
+#5 C	0.54		0.60			40.52	35.69	0.54	####	0.22	####	####	0.56	0.50
-#5 C	3.14	0.00	0.77	0.00	0.00	36.42	20.93	3.14	####	1.66	####	####	2.92	1.69
Head (Asy)			1.34			40.10	42.58							
Head (Calc)	100.00	0.00	1.45	0.00	0.00	39.21	38.81	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.01	0.00	0.86	0.00	0.00	15.82	6.08	6.01	####	3.56	####	####	2.42	0.94
1 to 2	11.98	0.00	1.18	0.00	0.00	18.21	9.21	11.98	####	9.73	####	####	5.56	2.84
1 to 3	25.08	0.00	1.52	0.00	0.00	24.09	17.96	25.08	####	26.33	####	####	15.41	11.61
1 to 4	38.10	0.00	1.62	0.00	0.00	29.43	25.27	38.10	####	42.47	####	####	28.59	24.80
1 to 5	72.89	0.00	1.66	0.00	0.00	36.90	36.05	72.89	####	83.20	####	####	68.59	67.71
6 to 6	1.85	0.00	0.94	0.00	0.00	48.96	52.11	1.85	####	1.20	####	####	2.31	2.48
6 to 7	13.66	0.00	0.59	0.00	0.00	47.72	52.11	13.66	####	5.59	####	####	16.62	18.34
6 to 8	21.15	0.00	0.89	0.00	0.00	47.26	50.60	21.15	####	12.91	####	####	25.49	27.58
6 to 9	23.43	0.00	0.92	0.00	0.00	46.76	49.86	23.43	####	14.92	####	####	27.94	30.10
6 to 10	23.97	0.00	0.92	0.00	0.00	46.62	49.54	23.97	####	15.15	####	####	28.50	30.60
6 to 11	27.11	0.00	0.90	0.00	0.00	45.44	46.23	27.11	####	16.30	####	####	31.41	32.29

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6043-042

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.33		1.66			12.94	7.67	2.33	####	1.46	####	####	0.85	0.52
+150 M	2.66		2.62			18.22	14.72	2.66	####	2.63	####	####	1.37	1.13
+200 M	5.72		3.36			27.22	26.34	5.72	####	7.25	####	####	4.40	4.34
+270 M	6.85		3.46			34.48	35.26	6.85	####	8.94	####	####	6.68	6.97
+400 M	14.25		2.10			37.84	38.16	14.25	####	11.29	####	####	15.25	15.68
-400 M	68.19		2.66			37.06	36.29	68.19	####	68.43	####	####	71.45	71.36
+#1 Cone	2.36		1.26			46.87	48.52	2.36	####	1.12	####	####	3.13	3.30
+#2 C	8.69		2.45			43.54	49.36	8.69	####	8.13	####	####	10.70	12.37
+#3 C	12.69		1.90			40.28	42.10	12.69	####	9.10	####	####	14.45	15.41
+#4 C	10.61		1.18			38.60	35.46	10.61	####	4.72	####	####	11.64	10.85
+#5 C	6.36		1.18			35.34	33.60	6.36	####	2.83	####	####	6.35	6.16
-#5 C	27.48	0.00	4.10	0.00	0.00	32.41	29.37	27.48	####	42.53	####	####	25.18	23.27
Head (Asy)			2.46			34.92	34.63							
Head (Calc)	100.00	0.00	2.65	0.00	0.00	35.37	34.68	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.33	0.00	1.66	0.00	0.00	12.94	7.67	2.33	####	1.46	####	####	0.85	0.52
1 to 2	4.99	0.00	2.17	0.00	0.00	15.75	11.43	4.99	####	4.09	####	####	2.22	1.64
1 to 3	10.71	0.00	2.81	0.00	0.00	21.88	19.39	10.71	####	11.34	####	####	6.62	5.99
1 to 4	17.56	0.00	3.06	0.00	0.00	26.79	25.58	17.56	####	20.28	####	####	13.30	12.95
1 to 5	31.81	0.00	2.63	0.00	0.00	31.74	31.22	31.81	####	31.57	####	####	29.55	28.64
6 to 6	2.36	0.00	1.26	0.00	0.00	46.87	48.52	2.36	####	1.12	####	####	3.13	3.30
6 to 7	11.05	0.00	2.22	0.00	0.00	44.25	49.18	11.05	####	9.25	####	####	13.83	15.67
6 to 8	23.74	0.00	2.05	0.00	0.00	42.13	45.40	23.74	####	18.35	####	####	28.29	31.08
6 to 9	34.35	0.00	1.78	0.00	0.00	41.10	42.33	34.35	####	23.07	####	####	39.92	41.93
6 to 10	40.71	0.00	1.59	0.00	0.00	40.20	40.96	40.71	####	25.90	####	####	46.27	48.09
6 to 11	68.19	0.00	2.66	0.00	0.00	37.06	36.29	68.19	####	68.43	####	####	71.45	71.36

B.M.+S.—Metallurgical Laboratory Report

6043-043				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.09		1.18			9.06	4.56	0.09	####	0.06	####	####	0.02	0.01
+150 M	0.53		1.18			9.06	4.56	0.53	####	0.37	####	####	0.14	0.07
+200 M	2.11		1.16			9.58	4.56	2.11	####	1.44	####	####	0.59	0.29
+270 M	2.67		1.86			12.96	8.71	2.67	####	2.92	####	####	1.00	0.70
+400 M	7.67		2.08			24.68	24.89	7.67	####	9.38	####	####	5.49	5.71
-400 M	86.93		1.68			36.80	35.88	86.93	####	85.84	####	####	92.76	93.23
+#1 Conc	1.36		1.84			46.06	46.25	1.36	####	1.47	####	####	1.82	1.88
+#2 C	6.91		1.84			46.06	46.25	6.91	####	7.47	####	####	9.23	9.55
+#3 C	16.17		1.68			41.80	41.06	16.17	####	15.97	####	####	19.60	19.84
+#4 C	14.53		1.34			38.18	38.16	14.53	####	11.44	####	####	16.09	16.57
+#5 C	8.95		1.12			36.46	41.06	8.95	####	5.89	####	####	9.46	10.98
-#5 C	39.01	0.00	1.90	0.00	0.00	32.33	29.50	39.01	####	43.59	####	####	36.57	34.39
Head (Asy)			1.50			35.30	35.67							
Head (Calc)	100.00	0.00	1.70	0.00	0.00	34.49	33.46	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.09	0.00	1.18	0.00	0.00	9.06	4.56	0.09	####	0.06	####	####	0.02	0.01
1 to 2	0.62	0.00	1.18	0.00	0.00	9.06	4.56	0.62	####	0.43	####	####	0.16	0.08
1 to 3	2.73	0.00	1.16	0.00	0.00	9.46	4.56	2.73	####	1.87	####	####	0.75	0.37
1 to 4	5.40	0.00	1.51	0.00	0.00	11.19	6.61	5.40	####	4.79	####	####	1.75	1.07
1 to 5	13.07	0.00	1.84	0.00	0.00	19.11	17.34	13.07	####	14.16	####	####	7.24	6.77
6 to 6	1.36	0.00	1.84	0.00	0.00	46.06	46.25	1.36	####	1.47	####	####	1.82	1.88
6 to 7	8.27	0.00	1.84	0.00	0.00	46.06	46.25	8.27	####	8.94	####	####	11.05	11.43
6 to 8	24.44	0.00	1.73	0.00	0.00	43.24	42.82	24.44	####	24.91	####	####	30.64	31.23
6 to 9	38.97	0.00	1.59	0.00	0.00	41.35	41.38	38.97	####	36.35	####	####	46.73	47.83
6 to 10	47.92	0.00	1.50	0.00	0.00	40.44	41.03	47.92	####	42.25	####	####	56.19	58.83
6 to 11	86.93	0.00	1.68	0.00	0.00	36.80	35.88	86.93	####	85.84	####	####	92.76	93.22

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6043-044

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.60		1.30			11.44	7.47	2.60	####	1.52	####	####	0.70	0.43
+150 M	2.86		2.94			17.08	15.14	2.86	####	3.78	####	####	1.14	0.97
+200 M	4.27		4.18			31.66	31.32	4.27	####	8.03	####	####	3.17	2.99
+270 M	1.73		3.66			41.24	45.00	1.73	####	2.85	####	####	1.67	1.74
+400 M	30.24		2.34			45.08	47.49	30.24	####	31.85	####	####	31.92	32.06
-400 M	58.30		1.98			44.98	47.49	58.30	####	51.96	####	####	61.40	61.81
-#1 Conc	3.69		0.56			45.32	50.64	3.69	####	0.93	####	####	3.92	4.17
-#2 C	27.27		1.76			46.34	50.43	27.27	####	21.60	####	####	29.59	30.70
-#3 C	19.53		1.92			45.28	46.04	19.53	####	16.89	####	####	20.71	20.07
+#4 C	4.03		1.76			41.48	40.23	4.03	####	3.19	####	####	3.91	3.62
+#5 C	0.88		0.64			37.92	32.35	0.88	####	0.25	####	####	0.78	0.64
-#5 C	2.90	0.00	6.97	0.00	0.00	36.74	40.29	2.90	####	9.10	####	####	2.50	2.61
Head (Asy)			2.56			41.52	40.65							
Head (Calc)	100.00	0.00	2.22	0.00	0.00	42.71	44.79	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.60	0.00	1.30	0.00	0.00	11.44	7.47	2.60	####	1.52	####	####	0.70	0.43
1 to 2	5.46	0.00	2.16	0.00	0.00	14.39	11.49	5.46	####	5.31	####	####	1.84	1.40
1 to 3	9.73	0.00	3.05	0.00	0.00	21.97	20.19	9.73	####	13.34	####	####	5.01	4.39
1 to 4	11.46	0.00	3.14	0.00	0.00	24.88	23.94	11.46	####	16.19	####	####	6.68	6.12
1 to 5	41.70	0.00	2.56	0.00	0.00	39.53	41.02	41.70	####	48.04	####	####	38.60	39.19
6 to 6	3.69	0.00	0.56	0.00	0.00	45.22	50.64	3.69	####	0.93	####	####	3.92	4.17
6 to 7	30.96	0.00	1.62	0.00	0.00	46.22	50.46	30.96	####	22.53	####	####	33.51	34.88
6 to 8	50.49	0.00	1.73	0.00	0.00	45.86	48.75	50.49	####	39.41	####	####	54.21	54.95
6 to 9	54.52	0.00	1.74	0.00	0.00	45.53	48.12	54.52	####	42.60	####	####	58.13	58.57
6 to 10	55.40	0.00	1.72	0.00	0.00	45.41	47.37	55.40	####	42.86	####	####	58.91	59.21
6 to 11	58.30	0.00	1.98	0.00	0.00	44.98	47.49	58.30	####	51.96	####	####	61.40	61.81

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6043-045			Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.09		1.14			14.64	5.27	0.09	####	0.06	####	####	0.04	0.01
+150 M	0.02		1.14			14.64	5.27	0.02	####	0.01	####	####	0.01	0.00
+200 M	0.45		1.14			14.64	5.27	0.45	####	0.31	####	####	0.20	0.07
+270 M	0.35		1.14			14.64	5.27	0.35	####	0.24	####	####	0.16	0.06
+400 M	5.37		0.90			11.42	5.27	5.37	####	2.89	####	####	1.90	0.88
-400 M	93.72		1.72			33.62	34.07	93.72	####	96.49	####	####	97.69	98.97
+#1 Conc	0.69		1.72			39.92	41.37	0.69	####	0.71	####	####	0.85	0.88
+#2 C	1.59		1.72			39.92	41.37	1.59	####	1.64	####	####	1.97	2.04
+#3 C	11.05		1.72			39.92	41.37	11.05	####	11.39	####	####	13.68	14.17
+#4 C	17.60		1.12			37.36	36.50	17.60	####	11.80	####	####	20.39	19.91
+#5 C	11.33		1.06			35.24	36.09	11.33	####	7.19	####	####	12.38	12.67
-#5 C	51.46	0.00	2.07	0.00	0.00	30.35	30.90	51.46	####	63.78	####	####	48.43	49.29
Head (Asy)			1.78			32.58	32.35							
Head (Calc)	100.00	0.00	1.67	0.00	0.00	32.26	32.26	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.09	0.00	1.14	0.00	0.00	14.64	5.27	0.09	####	0.06	####	####	0.04	0.01
1 to 2	0.11	0.00	1.14	0.00	0.00	14.64	5.27	0.11	####	0.08	####	####	0.05	0.02
1 to 3	0.56	0.00	1.14	0.00	0.00	14.64	5.27	0.56	####	0.38	####	####	0.25	0.09
1 to 4	0.91	0.00	1.14	0.00	0.00	14.64	5.27	0.91	####	0.62	####	####	0.41	0.15
1 to 5	6.28	0.00	0.93	0.00	0.00	11.39	5.27	6.28	####	3.51	####	####	2.31	1.03
6 to 6	0.69	0.00	1.72	0.00	0.00	39.92	41.37	0.69	####	0.71	####	####	0.85	0.88
6 to 7	2.28	0.00	1.72	0.00	0.00	39.92	41.37	2.28	####	2.35	####	####	2.82	2.92
6 to 8	13.33	0.00	1.72	0.00	0.00	39.92	41.37	13.33	####	13.72	####	####	16.50	17.09
6 to 9	30.93	0.00	1.38	0.00	0.00	39.46	38.60	30.93	####	25.52	####	####	36.88	37.01
6 to 10	42.26	0.00	1.29	0.00	0.00	37.60	37.93	42.26	####	32.71	####	####	49.26	49.68
6 to 11	93.72	0.00	1.72	0.00	0.00	33.62	34.07	93.72	####	96.49	####	####	97.69	98.97

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.59		1.18			15.08	6.29	5.59	####	2.83	####	####	2.14	0.86
+150 M	5.32		3.20			19.38	12.57	5.32	####	7.30	####	####	2.62	1.68
+200 M	12.06		4.06			29.54	27.17	12.06	####	21.01	####	####	9.06	8.24
+270 M	8.96		3.14			38.48	40.35	8.96	####	12.07	####	####	8.77	9.09
+400 M	36.32		2.08			43.38	46.23	36.32	####	32.41	####	####	40.09	42.22
-400 M	31.75		1.79			46.18	47.45	31.75	####	24.38	####	####	37.31	37.88
+#1 Conc	2.67		1.24			47.32	50.30	2.67	####	1.42	####	####	3.21	3.38
+#2 C	14.93		1.90			46.94	47.60	14.93	####	12.17	####	####	17.83	17.87
+#3 C	10.42		1.52			45.54	48.26	10.42	####	6.79	####	####	12.07	12.64
+#4 C	2.03		1.44			43.10	41.77	2.03	####	1.25	####	####	2.23	2.13
+#5 C	0.48		0.84			44.00	37.11	0.48	####	0.17	####	####	0.54	0.45
-#5 C	1.22	0.00	4.91	0.00	0.00	45.83	45.98	1.22	####	2.57	####	####	1.42	1.41
Head (Asy)			1.88			41.40	41.16							
Head (Calc)	100.00	0.00	2.33	0.00	0.00	39.30	39.77	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.59	0.00	1.18	0.00	0.00	15.08	6.29	5.59	####	2.83	####	####	2.14	0.86
1 to 2	10.91	0.00	2.17	0.00	0.00	17.18	9.35	10.91	####	10.13	####	####	4.77	2.57
1 to 3	22.97	0.00	3.16	0.00	0.00	23.67	18.71	22.97	####	31.14	####	####	13.83	10.81
1 to 4	31.93	0.00	3.15	0.00	0.00	27.82	24.78	31.93	####	43.21	####	####	22.61	19.90
1 to 5	68.25	0.00	2.59	0.00	0.00	36.10	36.20	68.25	####	75.62	####	####	62.69	62.12
6 to 6	2.67	0.00	1.24	0.00	0.00	47.32	50.30	2.67	####	1.42	####	####	3.21	3.38
6 to 7	17.60	0.00	1.80	0.00	0.00	47.00	48.01	17.60	####	13.59	####	####	21.05	21.25
6 to 8	28.02	0.00	1.70	0.00	0.00	46.46	48.10	28.02	####	20.38	####	####	33.12	33.89
6 to 9	30.05	0.00	1.68	0.00	0.00	46.23	47.67	30.05	####	21.64	####	####	35.35	36.02
6 to 10	30.53	0.00	1.67	0.00	0.00	46.19	47.51	30.53	####	21.81	####	####	35.88	36.47
6 to 11	31.75	0.00	1.79	0.00	0.00	46.18	47.45	31.75	####	24.38	####	####	37.31	37.88

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6043-047			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.02		0.50			13.12	4.87	0.02	####	0.01	####	####	0.01	0.00
+150 M	0.03		0.50			13.12	4.87	0.03	####	0.01	####	####	0.01	0.00
+200 M	0.09		0.50			13.12	4.97	0.39	####	0.03	####	####	0.03	0.01
+270 M	0.10		0.50			13.12	4.87	0.10	####	0.03	####	####	0.04	0.02
+400 M	4.33		0.50			13.12	4.87	4.33	####	1.49	####	####	1.55	0.66
-400 M	95.43		1.50			37.72	33.26	95.43	####	98.43	####	####	98.36	99.30
+01 Conc	0.32		1.30			37.48	32.24	0.32	####	0.29	####	####	0.33	0.32
+02 C	0.64		1.30			37.48	32.24	0.64	####	0.57	####	####	0.66	0.65
+03 C	6.41		1.30			37.48	32.24	6.41	####	5.73	####	####	6.56	6.47
+04 C	17.80		0.52			39.26	36.89	17.80	####	6.36	####	####	19.10	20.10
+05 C	12.60		0.70			37.72	34.47	12.60	####	6.36	####	####	12.99	13.59
-05 C	57.66	0.00	2.00	0.00	0.00	37.28	32.25	57.66	####	79.41	####	####	58.73	58.18
Head (Asy)			1.66			34.34	31.63							
Head (Calc)	100.00	0.00	1.45	0.00	0.00	36.60	31.96	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.02	0.00	0.50	0.00	0.00	13.12	4.87	0.02	####	0.01	####	####	0.01	0.00
1 to 2	0.05	0.00	0.50	0.00	0.00	13.12	4.87	0.05	####	0.02	####	####	0.02	0.01
1 to 3	0.14	0.00	0.50	0.00	0.00	13.12	4.87	0.14	####	0.05	####	####	0.05	0.02
1 to 4	0.24	0.00	0.50	0.00	0.00	13.12	4.87	0.24	####	0.08	####	####	0.09	0.04
1 to 5	4.57	0.00	0.50	0.00	0.00	13.12	4.87	4.57	####	1.57	####	####	1.64	0.70
6 to 6	0.32	0.00	1.30	0.00	0.00	37.48	32.24	0.32	####	0.29	####	####	0.33	0.32
6 to 7	0.96	0.00	1.30	0.00	0.00	37.48	32.24	0.96	####	0.86	####	####	0.98	0.97
6 to 8	7.37	0.00	1.30	0.00	0.00	37.48	32.24	7.37	####	6.59	####	####	7.55	7.43
6 to 9	25.17	0.00	0.75	0.00	0.00	38.74	34.96	25.17	####	12.95	####	####	26.64	27.53
6 to 10	37.77	0.00	0.73	0.00	0.00	38.40	34.60	37.77	####	19.02	####	####	39.63	41.12
6 to 11	95.43	0.00	1.50	0.00	0.00	37.72	33.26	95.43	####	98.43	####	####	98.36	99.30

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6043-048

		Assays							Distribution						
Product		Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100	M	4.53		1.34			16.86	7.91	4.53	####	3.02	####	####	1.93	0.89
+150	M	4.63		2.48			21.92	15.21	4.63	####	5.70	####	####	2.57	1.74
+200	M	10.91		3.02			30.44	26.77	10.91	####	16.37	####	####	8.40	7.22
+270	M	7.70		3.00			38.66	37.31	7.70	####	11.48	####	####	7.53	7.10
+400	M	32.50		2.12			41.92	45.62	32.50	####	34.23	####	####	34.46	36.65
-400	M	39.73		1.48			44.88	47.25	39.73	####	29.21	####	####	45.11	46.40
+#1	Conc	2.30		0.55			47.18	50.51	2.30	####	0.63	####	####	2.75	2.87
+#2	C	15.05		1.22			46.58	48.10	15.05	####	13.61	####	####	17.73	17.89
+#3	C	16.87		1.46			44.96	47.86	16.87	####	12.24	####	####	19.19	19.96
+#4	C	3.43		1.04			40.84	45.62	3.43	####	1.77	####	####	3.54	3.87
+#5	C	0.62		0.72			39.80	36.30	0.62	####	0.22	####	####	0.62	0.56
-#5	C	1.46	0.00	1.03	0.00	0.00	34.46	34.78	1.46	####	0.75	####	####	1.27	1.26
Head	(Asy)			1.98			34.34	37.72							
Head	(Calc)	100.00	0.00	2.01	0.00	0.00	39.53	40.45	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.53	0.00	1.34	0.00	0.00	16.86	7.91	4.53	####	3.02	####	####	1.93	0.89
1 to 2	9.16	0.00	1.92	0.00	0.00	19.42	11.60	9.16	####	9.72	####	####	4.50	2.63
1 to 3	20.07	0.00	2.52	0.00	0.00	25.41	19.85	20.07	####	25.09	####	####	12.90	9.85
1 to 4	27.77	0.00	2.65	0.00	0.00	29.08	24.69	27.77	####	36.56	####	####	20.43	16.95
1 to 5	60.27	0.00	2.36	0.00	0.00	36.01	35.98	60.27	####	70.79	####	####	54.89	53.60
6 to 6	2.30	0.00	0.55	0.00	0.00	47.18	50.51	2.30	####	0.63	####	####	2.75	2.97
6 to 7	17.35	0.00	1.65	0.00	0.00	46.66	48.42	17.35	####	14.24	####	####	20.48	20.77
6 to 8	34.22	0.00	1.56	0.00	0.00	45.82	48.14	34.22	####	26.47	####	####	39.67	40.72
6 to 9	37.65	0.00	1.51	0.00	0.00	45.37	47.91	37.65	####	28.24	####	####	43.21	44.59
6 to 10	38.27	0.00	1.50	0.00	0.00	45.28	47.72	38.27	####	28.46	####	####	43.83	45.15
6 to 11	39.73	0.00	1.48	0.00	0.00	44.88	47.25	39.73	####	29.21	####	####	45.11	46.40

B.M.+S.—Metallurgical Laboratory Report

6043-049				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.25		1.02			10.52	5.27	2.25	####	1.27	####	####	0.66	0.35
+150 M	2.62		1.78			15.90	10.34	2.62	####	2.59	####	####	1.15	0.79
+200 M	5.56		1.84			26.32	27.37	5.56	####	5.65	####	####	4.06	4.45
+270 M	6.78		1.78			33.86	32.65	6.78	####	6.67	####	####	6.36	6.47
+400 M	14.98		1.62			35.08	37.54	14.98	####	13.41	####	####	14.53	16.43
-400 M	67.81		1.88			38.98	36.09	67.81	####	70.43	####	####	73.24	71.51
+#1 Conc	2.76		1.36			48.32	47.86	2.76	####	2.07	####	####	3.70	3.86
+#2 C	8.34		1.56			45.38	48.46	8.34	####	7.19	####	####	10.49	11.81
+#3 C	12.23		1.18			39.26	37.20	12.23	####	7.97	####	####	13.34	13.29
+#4 C	10.36		1.10			35.04	35.89	10.36	####	6.30	####	####	10.06	10.97
+#5 C	5.92		1.14			33.96	31.94	5.92	####	3.73	####	####	5.57	5.51
-#5 C	28.20	0.00	2.77	0.00	0.00	38.31	31.76	28.20	####	43.17	####	####	30.09	26.17
Head (Asy)			1.96			34.22	33.60							
Head (Calc)	100.00	0.00	1.81	0.00	0.00	36.39	34.22	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.25	0.00	1.02	0.00	0.00	10.52	5.27	2.25	####	1.27	####	####	0.66	0.35
1 to 2	4.87	0.00	1.43	0.00	0.00	13.41	8.00	4.87	####	3.84	####	####	1.81	1.14
1 to 3	10.43	0.00	1.65	0.00	0.00	20.29	18.32	10.43	####	9.50	####	####	5.97	5.59
1 to 4	17.21	0.00	1.70	0.00	0.00	25.64	23.97	17.21	####	16.16	####	####	12.23	12.35
1 to 5	32.19	0.00	1.66	0.00	0.00	29.99	30.28	32.19	####	29.57	####	####	26.76	28.49
6 to 6	2.76	0.00	1.36	0.00	0.00	48.32	47.86	2.76	####	2.07	####	####	3.70	3.86
6 to 7	11.10	0.00	1.51	0.00	0.00	46.11	48.31	11.10	####	9.26	####	####	14.18	15.67
6 to 8	23.33	0.00	1.34	0.00	0.00	42.57	42.49	23.33	####	17.23	####	####	27.52	28.96
6 to 9	33.69	0.00	1.26	0.00	0.00	40.26	40.46	33.69	####	23.53	####	####	37.58	39.93
6 to 10	39.61	0.00	1.25	0.00	0.00	39.31	39.17	39.61	####	27.26	####	####	43.15	45.34
6 to 11	67.81	0.00	1.88	0.00	0.00	38.98	36.09	67.81	####	70.43	####	####	73.24	71.51

B.M.+S.--Metallurgical Laboratory Report

6043-050

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.02		6.64			18.98	18.66	0.02	####	0.05	####	####	0.01	0.01
+150 M	0.02		6.64			18.98	18.66	0.02	####	0.05	####	####	0.01	0.01
+200 M	0.08		6.64			18.98	18.66	0.08	####	0.19	####	####	0.05	0.05
+270 M	0.19		6.64			18.98	18.66	0.19	####	0.44	####	####	0.11	0.12
+400 M	1.00		6.64			18.98	18.66	1.00	####	2.33	####	####	0.60	0.62
-400 M	98.69		2.80			31.98	30.21	98.69	####	96.95	####	####	99.22	99.19
+01 Conc	0.68		3.60			30.50	31.63	0.68	####	0.86	####	####	0.65	0.72
+02 C	1.13		3.60			30.50	31.63	1.13	####	1.43	####	####	1.08	1.19
+03 C	4.48		3.60			30.50	31.63	4.48	####	5.66	####	####	4.39	4.71
+04 C	15.54		2.12			33.06	31.02	15.54	####	11.56	####	####	16.05	16.04
+05 C	13.02		1.60			32.96	30.62	13.02	####	7.31	####	####	13.49	13.35
-05 C	63.84	0.00	3.13	0.00	0.00	31.66	29.75	63.84	####	70.14	####	####	63.55	63.13
Head (Asy)			2.62			32.08	30.21							
Head (Calc)	100.00	0.00	2.85	0.00	0.00	31.91	30.06	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.02	0.00	6.64	0.00	0.00	18.98	18.66	0.02	####	0.05	####	####	0.01	0.01
1 to 2	0.04	0.00	6.64	0.00	0.00	18.98	18.66	0.04	####	0.09	####	####	0.02	0.02
1 to 3	0.12	0.00	6.64	0.00	0.00	18.98	18.66	0.12	####	0.28	####	####	0.07	0.07
1 to 4	0.31	0.00	6.64	0.00	0.00	18.98	18.66	0.31	####	0.72	####	####	0.18	0.19
1 to 5	1.31	0.00	6.64	0.00	0.00	18.98	18.66	1.31	####	3.05	####	####	0.78	0.81
6 to 6	0.68	0.00	3.60	0.00	0.00	30.50	31.63	0.68	####	0.86	####	####	0.65	0.72
6 to 7	1.81	0.00	3.60	0.00	0.00	30.50	31.63	1.81	####	2.29	####	####	1.74	1.90
6 to 8	6.29	0.00	3.60	0.00	0.00	30.50	31.63	6.29	####	7.94	####	####	6.13	6.62
6 to 9	21.83	0.00	2.55	0.00	0.00	32.32	31.20	21.83	####	19.50	####	####	22.18	22.66
6 to 10	34.85	0.00	2.19	0.00	0.00	32.56	31.06	34.85	####	26.81	####	####	35.67	36.01
6 to 11	98.69	0.00	2.80	0.00	0.00	31.98	30.21	98.69	####	96.95	####	####	99.22	99.19

B.M.+S.—Metallurgical Laboratory Report

4043-051				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.79		0.82			10.58	5.07	3.79	####	1.70	####	####	1.12	0.53
+150 M	4.27		1.88			14.76	9.94	4.27	####	4.39	####	####	1.77	1.18
+200 M	8.65		2.24			24.82	27.37	8.65	####	10.61	####	####	6.04	6.56
+270 M	10.80		2.00			33.26	33.26	10.80	####	11.82	####	####	10.11	9.95
-400 M	23.73		1.64			38.96	39.34	23.73	####	21.30	####	####	26.01	25.37
-400 M	48.76		1.88			40.34	41.37	48.76	####	50.18	####	####	54.94	55.90
+01 Ccne	3.09		1.04			45.59	48.46	3.09	####	1.76	####	####	3.96	4.15
+02 C	12.67		1.38			45.14	49.37	12.67	####	9.57	####	####	16.09	17.23
+03 C	17.53		1.34			39.34	42.79	17.53	####	12.86	####	####	19.65	20.79
+04 C	7.01		1.20			37.96	39.14	7.01	####	4.60	####	####	7.49	7.60
+05 C	2.04		1.24			34.39	32.44	2.04	####	1.38	####	####	1.96	1.93
-05 C	6.42	0.00	5.69	0.00	0.00	32.02	24.16	6.42	####	20.00	####	####	5.78	4.30
Head (Asy)			1.82			35.36	35.29							
Head (Calc)	100.00	0.00	1.83	0.00	0.00	35.54	36.08	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.79	0.00	0.82	0.00	0.00	10.58	5.07	3.79	####	1.70	####	####	1.13	0.53
1 to 2	8.06	0.00	1.38	0.00	0.00	12.79	7.65	8.06	####	6.09	####	####	2.90	1.71
1 to 3	16.71	0.00	1.83	0.00	0.00	19.02	17.36	16.71	####	16.70	####	####	8.94	8.27
1 to 4	27.51	0.00	1.89	0.00	0.00	24.61	22.90	27.51	####	28.52	####	####	19.05	18.22
1 to 5	51.24	0.00	1.79	0.00	0.00	31.26	31.05	51.24	####	49.82	####	####	45.36	44.10
6 to 6	3.09	0.00	1.04	0.00	0.00	45.59	48.46	3.09	####	1.76	####	####	3.96	4.15
6 to 7	15.76	0.00	1.31	0.00	0.00	45.23	48.95	15.76	####	11.33	####	####	20.06	21.38
6 to 8	33.29	0.00	1.33	0.00	0.00	42.39	45.71	33.29	####	24.19	####	####	39.71	42.17
6 to 9	40.30	0.00	1.31	0.00	0.00	41.62	44.56	40.30	####	28.79	####	####	47.19	49.77
6 to 10	42.34	0.00	1.30	0.00	0.00	41.26	43.98	42.34	####	30.13	####	####	49.15	51.61
6 to 11	48.76	0.00	1.88	0.00	0.00	40.34	41.37	48.76	####	50.18	####	####	54.94	55.90

B.M.+S.—Metallurgical Laboratory Report

6043-032

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.34		0.72			9.34	4.87	2.34	####	0.91	####	####	0.66	0.33
+150 M	2.70		1.56			14.26	10.14	2.70	####	2.28	####	####	1.16	0.78
+200 M	5.50		2.00			24.62	22.91	5.50	####	5.94	####	####	4.06	3.60
+270 M	6.98		1.86			32.52	33.05	6.98	####	7.01	####	####	6.81	6.59
+400 M	14.87		1.62			36.10	38.94	14.87	####	13.01	####	####	16.11	16.54
-400 M	67.61		1.94			35.08	37.37	67.61	####	70.85	####	####	71.20	72.17
+#1 Conc	2.25		1.12			43.76	47.86	2.25	####	1.36	####	####	2.96	3.08
+#2 C	8.14		1.48			43.96	47.25	8.14	####	6.51	####	####	10.74	10.99
+#3 C	12.20		1.62			38.64	37.92	12.20	####	10.68	####	####	14.15	13.21
+#4 C	10.26		1.26			33.64	34.47	10.26	####	6.98	####	####	10.36	10.10
+#5 C	5.96		1.20			34.42	30.82	5.96	####	3.86	####	####	6.16	5.25
-#5 C	28.80	0.00	2.67	0.00	0.00	31.03	35.91	28.80	####	41.46	####	####	26.83	29.54
Head (Asy)			1.80			35.06	32.24							
Head (Calc)	100.00	0.00	1.85	0.00	0.00	33.31	35.01	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.34	0.00	0.72	0.00	0.00	9.34	4.87	2.34	####	0.91	####	####	0.66	0.33
1 to 2	5.04	0.00	1.17	0.00	0.00	11.99	7.69	5.04	####	3.19	####	####	1.81	1.11
1 to 3	10.54	0.00	1.60	0.00	0.00	18.57	15.63	10.54	####	9.13	####	####	5.88	4.71
1 to 4	17.52	0.00	1.71	0.00	0.00	24.13	22.57	17.52	####	16.14	####	####	12.69	11.30
1 to 5	32.39	0.00	1.67	0.00	0.00	29.63	30.09	32.39	####	29.15	####	####	28.80	27.83
6 to 6	2.25	0.00	1.12	0.00	0.00	43.76	47.86	2.25	####	1.36	####	####	2.96	3.08
6 to 7	10.39	0.00	1.40	0.00	0.00	43.92	47.38	10.39	####	7.87	####	####	13.70	14.06
6 to 8	22.59	0.00	1.52	0.00	0.00	41.07	42.27	22.59	####	18.54	####	####	27.85	27.23
6 to 9	32.85	0.00	1.44	0.00	0.00	38.75	39.24	32.85	####	25.53	####	####	38.21	37.38
6 to 10	38.81	0.00	1.46	0.00	0.00	38.08	38.45	38.81	####	29.39	####	####	44.37	42.62
6 to 11	67.61	0.00	1.94	0.00	0.00	35.08	37.37	67.61	####	70.85	####	####	71.20	72.17

B.M.+S.—Metallurgical Laboratory Report

6043-053				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.02		1.64			18.72	13.99	0.02	####	0.02	####	####	0.01	0.01
+150 M	0.02		1.64			18.72	13.99	0.02	####	0.02	####	####	0.01	0.01
+200 M	0.07		1.64			18.72	13.99	0.07	####	0.06	####	####	0.04	0.03
+270 M	0.18		1.64			18.72	13.99	0.18	####	0.15	####	####	0.10	0.09
+400 M	1.11		1.64			18.72	13.99	1.11	####	0.93	####	####	0.62	0.55
-400 M	98.60		1.96			33.54	28.39	98.60	####	98.83	####	####	99.21	99.31
+#1 Conc	1.11		1.44			30.72	28.39	1.11	####	0.82	####	####	1.02	1.12
+#2 C	1.14		1.44			30.72	28.39	1.14	####	0.84	####	####	1.05	1.15
+#3 C	4.87		1.44			30.72	28.39	4.87	####	3.59	####	####	4.49	4.90
+#4 C	15.55		0.70			32.52	30.21	15.55	####	5.57	####	####	15.17	16.67
+#5 C	12.44		0.94			32.38	31.63	12.44	####	5.98	####	####	12.08	13.96
-#5 C	63.49	0.00	2.53	0.00	0.00	34.33	27.31	63.49	####	82.04	####	####	65.40	61.51
Head (Asy)			2.02			31.36	29.00							
Head (Calc)	100.00	0.00	1.96	0.00	0.00	33.33	28.19	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.02	0.00	1.64	0.00	0.00	18.72	13.99	0.02	####	0.02	####	####	0.01	0.01
1 to 2	0.04	0.00	1.64	0.00	0.00	18.72	13.99	0.04	####	0.03	####	####	0.02	0.02
1 to 3	0.11	0.00	1.64	0.00	0.00	18.72	13.99	0.11	####	0.09	####	####	0.06	0.05
1 to 4	0.29	0.00	1.64	0.00	0.00	18.72	13.99	0.29	####	0.24	####	####	0.16	0.14
1 to 5	1.40	0.00	1.64	0.00	0.00	18.72	13.99	1.40	####	1.17	####	####	0.79	0.69
6 to 6	1.11	0.00	1.44	0.00	0.00	30.72	28.39	1.11	####	0.82	####	####	1.02	1.12
6 to 7	2.25	0.00	1.44	0.00	0.00	30.72	28.39	2.25	####	1.66	####	####	2.07	2.27
6 to 8	7.12	0.00	1.44	0.00	0.00	30.72	28.39	7.12	####	5.24	####	####	6.56	7.17
6 to 9	22.67	0.00	0.93	0.00	0.00	31.95	29.64	22.67	####	10.81	####	####	21.73	23.34
6 to 10	35.11	0.00	0.94	0.00	0.00	32.11	30.34	35.11	####	16.79	####	####	33.32	37.79
6 to 11	98.60	0.00	1.96	0.00	0.00	33.54	28.39	98.60	####	98.33	####	####	99.21	99.31

B.M.+S.--Metallurgical Laboratory Report

6043-054

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.25		0.86			10.40	4.46	4.25	####	2.51	####	####	1.26	0.55
+150 M	4.54		1.74			15.48	10.75	4.54	####	5.44	####	####	2.00	1.42
+200 M	9.19		2.06			26.14	22.71	9.19	####	13.03	####	####	6.82	6.39
+270 M	10.99		1.66			33.82	32.44	10.99	####	12.55	####	####	10.55	10.40
+400 M	23.76		1.36			38.58	37.72	23.76	####	22.23	####	####	26.03	26.15
-400 M	47.27		1.36			39.74	40.15	47.27	####	44.24	####	####	53.34	55.38
+#1 Conc	2.93		1.12			45.48	50.29	2.93	####	2.26	####	####	3.78	4.30
+#2 C	12.31		1.36			45.13	47.36	12.31	####	11.52	####	####	15.77	17.19
+#3 C	16.74		1.32			40.84	40.56	16.74	####	15.20	####	####	19.41	19.31
+#4 C	6.93		1.22			33.10	38.12	6.93	####	5.32	####	####	7.50	7.71
+#5 C	2.02		1.10			34.88	31.63	2.02	####	1.53	####	####	2.30	1.36
-#5 C	6.34	0.00	1.81	0.00	0.00	27.12	24.34	6.34	####	7.91	####	####	4.88	4.50
Head (Asy)			1.66			35.66	34.00							
Head (Calc)	100.00	0.00	1.45	0.00	0.00	35.22	34.27	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.25	0.00	0.86	0.00	0.00	10.40	4.46	4.25	####	2.51	####	####	1.26	0.55
1 to 2	8.79	0.00	1.31	0.00	0.00	13.02	7.71	8.79	####	7.95	####	####	3.25	1.98
1 to 3	17.98	0.00	1.70	0.00	0.00	19.73	15.38	17.98	####	20.98	####	####	10.07	8.07
1 to 4	28.97	0.00	1.63	0.00	0.00	25.07	21.95	28.97	####	33.53	####	####	20.63	18.47
1 to 5	52.73	0.00	1.54	0.00	0.00	31.16	29.00	52.73	####	55.76	####	####	46.66	44.62
6 to 6	2.93	0.00	1.12	0.00	0.00	45.48	50.29	2.93	####	2.26	####	####	3.78	4.30
6 to 7	15.24	0.00	1.31	0.00	0.00	45.17	48.33	15.24	####	13.78	####	####	19.55	21.49
6 to 8	31.98	0.00	1.32	0.00	0.00	42.90	44.26	31.98	####	28.98	####	####	38.96	41.30
6 to 9	38.91	0.00	1.30	0.00	0.00	42.05	43.17	38.91	####	34.30	####	####	46.46	49.01
6 to 10	40.93	0.00	1.29	0.00	0.00	41.70	42.60	40.93	####	36.33	####	####	48.46	50.33
6 to 11	47.27	0.00	1.36	0.00	0.00	39.74	40.15	47.27	####	44.24	####	####	53.34	55.38

B.M.+S.--Metallurgical Laboratory Report

6043-055				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.37		1.32			10.28	4.87	2.37	####	2.26	####	####	0.73	0.33
+150 M	2.67		1.68			15.32	9.94	2.67	####	3.25	####	####	1.23	0.77
+200 M	5.34		2.00			24.16	22.31	5.34	####	7.73	####	####	3.87	3.45
+270 M	6.67		1.84			33.26	32.05	6.67	####	8.88	####	####	6.65	6.39
+400 M	14.38		1.00			35.76	38.73	14.38	####	10.41	####	####	15.42	16.14
-400 M	68.57		1.36			35.08	36.70	68.57	####	67.49	####	####	72.11	72.92
+#1 Conc	3.32		0.82			44.04	46.44	3.32	####	1.97	####	####	4.38	4.47
+#2 C	8.20		0.84			43.82	48.26	8.20	####	4.99	####	####	10.77	11.47
+#3 C	12.02		0.76			37.13	40.56	12.02	####	6.61	####	####	13.37	14.13
+#4 C	10.19		0.56			34.90	35.08	10.19	####	4.13	####	####	10.66	10.36
+#5 C	5.96		0.52			32.44	30.01	5.96	####	2.24	####	####	5.80	5.18
-#5 C	28.38	0.00	2.28	0.00	0.00	31.34	32.64	28.38	####	47.54	####	####	27.13	27.32
Head (Asy)			1.20			33.48	32.65							
Head (Calc)	100.00	0.00	1.38	0.00	0.00	33.36	34.51	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.37	0.00	1.32	0.00	0.00	10.28	4.87	2.37	####	2.26	####	####	0.73	0.33
1 to 2	5.04	0.00	1.51	0.00	0.00	12.95	7.56	5.04	####	5.51	####	####	1.96	1.10
1 to 3	10.38	0.00	1.76	0.00	0.00	18.72	15.15	10.38	####	13.24	####	####	5.82	4.56
1 to 4	17.05	0.00	1.79	0.00	0.00	24.41	22.15	17.05	####	22.12	####	####	12.47	13.94
1 to 5	31.43	0.00	1.43	0.00	0.00	29.60	29.74	31.43	####	32.52	####	####	27.89	27.33
6 to 6	3.32	0.00	0.82	0.00	0.00	44.04	46.44	3.32	####	1.97	####	####	4.38	4.47
6 to 7	11.52	0.00	0.83	0.00	0.00	43.88	47.74	11.52	####	6.95	####	####	15.15	15.93
6 to 8	23.54	0.00	0.80	0.00	0.00	40.42	44.07	23.54	####	13.56	####	####	28.52	30.06
6 to 9	33.73	0.00	0.72	0.00	0.00	38.75	41.36	33.73	####	17.69	####	####	39.18	40.42
6 to 10	39.69	0.00	0.69	0.00	0.00	37.80	39.65	39.69	####	19.94	####	####	44.98	45.60
6 to 11	68.57	0.00	1.36	0.00	0.00	35.08	36.70	68.57	####	67.48	####	####	72.11	72.92

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6043-056			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.02		0.70			7.52	3.63	0.02	####	0.01	####	####	0.00	0.00
+150 M	0.06		0.70			7.52	3.63	0.06	####	0.03	####	####	0.01	0.01
+200 M	1.47		0.70			7.52	3.63	1.47	####	0.70	####	####	0.34	0.18
+270 M	5.57		0.52			8.34	4.03	5.57	####	1.97	####	####	1.41	0.76
+400 M	2.85		1.04			16.60	10.49	2.85	####	2.01	####	####	1.44	1.01
-400 M	90.03		1.56			35.40	32.27	90.03	####	95.29	####	####	96.80	98.04
+#1 Conc	1.61		1.28			43.72	44.97	1.61	####	1.40	####	####	2.14	2.44
+#2 C	5.82		1.28			43.72	44.97	5.82	####	5.05	####	####	7.73	8.83
+#3 C	15.32		1.20			38.74	37.51	15.32	####	12.47	####	####	18.12	19.39
+#4 C	14.66		0.30			35.60	35.09	14.66	####	7.96	####	####	15.85	17.36
+#5 C	8.97		0.86			33.92	31.26	8.97	####	5.23	####	####	9.24	9.46
-#5 C	43.65	0.00	2.13	0.00	0.00	32.98	27.53	43.65	####	63.17	####	####	43.72	40.55
Head (Asy)			1.56			33.14	30.65							
Head (Calc)	100.00	0.00	1.47	0.00	0.00	32.92	29.63	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.02	0.00	0.70	0.00	0.00	7.52	3.63	0.02	####	0.01	####	####	0.00	0.00
1 to 2	0.08	0.00	0.70	0.00	0.00	7.52	3.63	0.08	####	0.04	####	####	0.02	0.01
1 to 3	1.55	0.00	0.70	0.00	0.00	7.52	3.63	1.55	####	0.74	####	####	0.35	0.19
1 to 4	7.12	0.00	0.56	0.00	0.00	8.16	3.94	7.12	####	2.70	####	####	1.76	0.95
1 to 5	9.97	0.00	0.70	0.00	0.00	10.57	5.31	9.97	####	4.71	####	####	3.20	1.96
6 to 6	1.61	0.00	1.28	0.00	0.00	43.72	44.97	1.61	####	1.40	####	####	2.14	2.44
6 to 7	7.43	0.00	1.29	0.00	0.00	43.72	44.97	7.43	####	6.45	####	####	9.87	11.29
6 to 8	22.75	0.00	1.23	0.00	0.00	40.50	39.95	22.75	####	18.93	####	####	27.98	30.67
6 to 9	37.41	0.00	1.36	0.00	0.00	38.58	38.04	37.41	####	26.83	####	####	43.84	48.03
6 to 10	46.38	0.00	1.32	0.00	0.00	37.63	36.73	46.38	####	32.12	####	####	53.03	57.47
6 to 11	90.03	0.00	1.56	0.00	0.00	35.40	32.27	90.03	####	95.29	####	####	96.80	98.04

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6043-057

	Assays							Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.16		0.92			9.18	4.44	6.16	####	3.93	####	####	1.51	0.74
+150 M	6.57		1.56			15.74	10.08	6.57	####	7.11	####	####	2.76	1.80
+200 M	12.04		1.98			28.00	24.00	12.04	####	16.53	####	####	8.99	7.86
+270 M	13.28		1.60			39.74	38.11	13.28	####	14.74	####	####	14.07	13.76
+400 M	28.01		1.54			44.56	44.57	28.01	####	29.92	####	####	33.28	33.95
-400 M	33.94		1.18			43.52	45.37	33.94	####	27.78	####	####	39.39	41.88
+#1 Conc	2.95		0.92			46.98	49.41	2.95	####	1.88	####	####	3.70	3.96
+#2 C	13.07		0.94			46.94	49.20	13.07	####	8.52	####	####	16.36	17.49
+#3 C	10.44		1.06			43.06	43.15	10.44	####	7.67	####	####	11.99	12.25
+#4 C	3.79		0.94			39.24	38.31	3.79	####	2.47	####	####	3.97	3.95
+#5 C	1.03		1.19			35.70	30.45	1.03	####	0.54	####	####	0.98	0.85
-#5 C	2.66	0.00	3.46	0.00	0.00	33.81	46.62	2.66	####	6.38	####	####	2.40	3.37
Head (Asy)			1.24			38.90	38.52							
Head (Calc)	100.00	0.00	1.44	0.00	0.00	37.50	36.77	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.16	0.00	0.92	0.00	0.00	9.18	4.44	6.16	####	3.93	####	####	1.51	0.74
1 to 2	12.73	0.00	1.25	0.00	0.00	12.57	7.35	12.73	####	11.04	####	####	4.27	2.54
1 to 3	24.77	0.00	1.60	0.00	0.00	20.07	15.44	24.77	####	27.57	####	####	13.26	10.40
1 to 4	38.05	0.00	1.60	0.00	0.00	26.93	23.35	38.05	####	42.31	####	####	27.33	24.17
1 to 5	66.06	0.00	1.58	0.00	0.00	34.41	32.35	66.06	####	72.22	####	####	60.61	58.12
6 to 6	2.95	0.00	0.92	0.00	0.00	46.98	49.41	2.95	####	1.88	####	####	3.70	3.96
6 to 7	16.02	0.00	0.94	0.00	0.00	46.95	49.24	16.02	####	10.40	####	####	20.06	21.45
6 to 8	26.46	0.00	0.99	0.00	0.00	45.41	46.84	26.46	####	18.08	####	####	32.04	33.70
6 to 9	30.25	0.00	0.98	0.00	0.00	44.64	45.77	30.25	####	20.55	####	####	36.01	37.65
6 to 10	31.28	0.00	0.99	0.00	0.00	44.35	45.26	31.29	####	21.39	####	####	36.99	38.51
6 to 11	33.94	0.00	1.18	0.00	0.00	43.52	45.37	33.94	####	27.78	####	####	39.39	41.88

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6043-058				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.34		0.80			9.26	4.44	2.34	####	1.26	####	####	0.63	0.3
+150 M	2.66		1.26			14.70	8.87	2.66	####	2.26	####	####	1.13	0.7
+200 M	5.31		1.44			24.40	20.77	5.31	####	5.15	####	####	3.75	3.3
+270 M	6.66		1.46			33.14	31.46	6.66	####	6.56	####	####	6.40	6.4
+400 M	14.55		1.30			37.60	36.30	14.55	####	12.75	####	####	15.85	16.2
-400 M	68.48		1.56			36.40	34.59	68.48	####	72.02	####	####	72.23	72.8
+#1 Conc	2.35		1.36			49.60	46.51	2.35	####	2.15	####	####	3.38	3.3
+#2 C	7.61		1.14			45.32	46.31	7.61	####	5.85	####	####	9.99	10.8
+#3 C	11.59		0.84			38.82	38.33	11.59	####	6.55	####	####	13.04	13.9
+#4 C	10.29		0.80			35.04	32.96	10.29	####	5.54	####	####	10.44	10.4
+#5 C	6.16		1.06			32.74	30.53	6.16	####	4.40	####	####	5.84	5.7
-#5 C	30.49	0.00	2.31	0.00	0.00	33.43	30.48	30.49	####	47.31	####	####	29.54	28.6
Head (Asy)			1.42			34.34	32.55							
Head (Calc)	100.00	0.00	1.48	0.00	0.00	34.51	32.50	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.34	0.00	0.80	0.00	0.00	9.26	4.44	2.34	####	1.26	####	####	0.63	0.3
1 to 2	5.00	0.00	1.04	0.00	0.00	12.15	6.80	5.00	####	3.52	####	####	1.76	1.0
1 to 3	10.31	0.00	1.25	0.00	0.00	18.46	13.99	10.31	####	8.68	####	####	5.52	4.4
1 to 4	16.97	0.00	1.33	0.00	0.00	24.22	20.85	16.97	####	15.23	####	####	11.91	10.9
1 to 5	31.52	0.00	1.32	0.00	0.00	30.40	27.98	31.52	####	27.98	####	####	27.77	27.1
6 to 6	2.35	0.00	1.36	0.00	0.00	49.60	46.51	2.35	####	2.15	####	####	3.38	3.3
6 to 7	9.96	0.00	1.19	0.00	0.00	46.33	46.36	9.96	####	8.00	####	####	13.37	14.2
6 to 8	21.55	0.00	1.00	0.00	0.00	42.29	42.31	21.55	####	14.57	####	####	26.41	28.0
6 to 9	31.83	0.00	0.94	0.00	0.00	39.95	39.29	31.83	####	20.11	####	####	36.85	38.4
6 to 10	37.99	0.00	0.96	0.00	0.00	38.78	37.87	37.99	####	24.51	####	####	42.69	44.2
6 to 11	68.48	0.00	1.56	0.00	0.00	36.40	34.59	68.48	####	72.32	####	####	72.23	72.3

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6043-059			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.07		0.92			7.68	3.64	0.07	####	0.34	####	####	0.02	0.01
+150 M	0.06		0.92			7.68	3.64	0.06	####	0.04	####	####	0.01	0.01
+200 M	1.36		0.92			7.68	3.64	1.36	####	0.82	####	####	0.31	0.16
+270 M	2.67		0.78			7.72	3.64	2.67	####	1.37	####	####	0.62	0.32
+400 M	5.70		1.16			15.12	8.90	5.70	####	4.34	####	####	2.60	1.68
-400 M	90.14		1.58			35.52	32.76	90.14	####	93.40	####	####	96.44	97.32
+#1 Conc	1.59		1.36			44.10	44.08	1.59	####	1.42	####	####	2.11	2.32
+#2 C	5.34		1.36			44.10	44.08	5.34	####	4.76	####	####	7.09	7.80
+#3 C	14.43		1.24			39.12	36.80	14.43	####	11.73	####	####	17.30	17.59
+#4 C	14.39		1.14			35.94	33.16	14.39	####	10.76	####	####	15.53	15.31
+#5 C	8.57		1.06			34.60	32.35	8.57	####	5.96	####	####	8.93	9.13
-#5 C	45.82	0.00	1.96	0.00	0.00	33.16	29.73	45.82	####	58.77	####	####	45.76	45.12
Head (Asy)			1.76			33.32	29.73							
Head (Calc)	100.00	0.00	1.52	0.00	0.00	33.20	30.19	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.07	0.00	0.92	0.00	0.00	7.68	3.64	0.07	####	0.34	####	####	0.02	0.01
1 to 2	0.13	0.00	0.92	0.00	0.00	7.68	3.64	0.13	####	0.38	####	####	0.03	0.02
1 to 3	1.49	0.00	0.92	0.00	0.00	7.68	3.64	1.49	####	0.90	####	####	0.34	0.18
1 to 4	4.16	0.00	0.83	0.00	0.00	7.71	3.64	4.16	####	2.26	####	####	0.97	0.50
1 to 5	9.86	0.00	1.02	0.00	0.00	11.99	6.48	9.86	####	6.60	####	####	3.56	2.18
6 to 6	1.59	0.00	1.36	0.00	0.00	44.10	44.08	1.59	####	1.42	####	####	2.11	2.32
6 to 7	6.93	0.00	1.36	0.00	0.00	44.10	44.08	6.93	####	6.18	####	####	9.21	10.12
6 to 8	21.36	0.00	1.28	0.00	0.00	40.74	39.16	21.36	####	17.92	####	####	26.21	27.71
6 to 9	35.75	0.00	1.22	0.00	0.00	38.77	36.75	35.75	####	28.67	####	####	41.74	43.52
6 to 10	44.32	0.00	1.19	0.00	0.00	37.96	35.90	44.32	####	34.63	####	####	50.67	52.70
6 to 11	90.14	0.00	1.58	0.00	0.00	35.52	32.76	90.14	####	93.40	####	####	96.44	97.32

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6043-060

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.54		0.90			9.40	3.64	6.54	####	3.92	####	####	1.63	0.65
+150 M	7.32		1.44			14.84	8.90	7.32	####	7.02	####	####	2.87	1.78
+200 M	13.38		1.92			28.10	23.46	13.38	####	17.11	####	####	9.94	8.58
+270 M	14.30		1.94			40.66	39.03	14.30	####	18.47	####	####	15.38	15.25
+400 M	31.05		1.59			46.30	45.50	31.05	####	32.67	####	####	37.77	38.61
-400 M	27.41		1.14			44.72	46.58	27.41	####	20.81	####	####	32.41	35.12
+#1 Conc	2.86		0.80			48.16	47.32	2.86	####	1.52	####	####	3.64	3.70
+#2 C	12.80		0.72			46.28	50.15	12.80	####	6.14	####	####	15.66	17.54
+#3 C	6.47		1.16			43.82	44.39	6.47	####	5.00	####	####	7.50	7.94
+#4 C	1.99		1.00			38.00	36.40	1.99	####	1.33	####	####	2.00	1.98
+#5 C	0.67		0.56			38.64	30.01	0.67	####	0.25	####	####	0.68	0.55
-#5 C	2.62	0.00	3.77	0.00	0.00	42.22	47.61	2.62	####	6.57	####	####	2.93	3.41
Head (Asy)			1.38			39.56	39.34							
Head (Calc)	100.00	0.00	1.50	0.00	0.00	37.82	36.59	100.00	####	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.54	0.00	0.90	0.00	0.00	9.40	3.64	6.54	####	3.92	####	####	1.63	0.65
1 to 2	13.86	0.00	1.19	0.00	0.00	12.27	6.42	13.86	####	10.94	####	####	4.50	2.43
1 to 3	27.24	0.00	1.55	0.00	0.00	20.05	14.79	27.24	####	28.05	####	####	14.44	11.01
1 to 4	41.54	0.00	1.68	0.00	0.00	27.14	23.13	41.54	####	46.52	####	####	29.82	26.27
1 to 5	72.59	0.00	1.64	0.00	0.00	35.21	32.70	72.59	####	79.19	####	####	67.59	64.99
6 to 6	2.86	0.00	0.80	0.00	0.00	48.16	47.32	2.86	####	1.52	####	####	3.64	3.70
6 to 7	15.66	0.00	0.73	0.00	0.00	46.62	49.63	15.66	####	7.66	####	####	19.31	21.24
6 to 8	22.13	0.00	0.86	0.00	0.00	45.80	48.25	22.13	####	12.66	####	####	26.80	29.18
6 to 9	24.12	0.00	0.87	0.00	0.00	45.16	47.27	24.12	####	13.99	####	####	28.80	31.16
6 to 10	24.79	0.00	0.86	0.00	0.00	44.98	46.80	24.79	####	14.23	####	####	29.49	31.71
6 to 11	27.41	0.00	1.14	0.00	0.00	44.72	46.58	27.41	####	20.81	####	####	32.41	35.12

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6043-061				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.99	0.48	0.80			10.54	5.98	1.99	1.03	0.95	####	####	0.58	0.34
+150 M	2.55	0.66	1.78			16.20	11.96	2.55	1.81	2.71	####	####	1.14	0.88
+200 M	5.45	0.80	2.20			26.44	24.54	5.45	4.69	7.17	####	####	3.98	3.86
+270 M	6.96	0.82	2.26			34.54	33.66	6.96	6.13	9.41	####	####	6.65	6.75
+400 M	15.31	0.74	1.72			38.62	39.14	15.31	12.17	15.75	####	####	16.34	17.28
-400 M	67.74	1.02	1.58			38.08	36.30	67.74	74.19	64.01	####	####	71.31	70.90
+01 Conc	2.95	0.72	0.94			46.32	44.41	2.95	2.28	1.48	####	####	3.78	3.78
+02 C	8.33	0.54	1.16			46.44	48.87	8.33	4.83	5.78	####	####	10.69	11.74
+03 C	11.91	0.46	1.06			40.79	40.76	11.91	5.88	7.55	####	####	13.43	14.00
+04 C	10.31	0.42	1.00			36.14	35.49	10.31	4.65	6.17	####	####	10.30	10.55
+05 C	6.13	0.46	0.92			34.92	34.67	6.13	3.03	3.37	####	####	5.92	6.13
-05 C	28.11	1.77	2.36	0.00	0.00	34.99	30.49	28.11	53.52	39.66	####	####	27.19	24.71
Head (Asy)		0.94	1.62			35.58	35.69							
Head (Calc)	100.00	0.93	1.67	0.00	0.00	36.13	34.68	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.99	0.48	0.80	0.00	0.00	10.54	5.98	1.99	1.03	0.95	####	####	0.58	0.34
1 to 2	4.54	0.58	1.35	0.00	0.00	13.72	9.29	4.54	2.83	3.67	####	####	1.72	1.22
1 to 3	9.99	0.70	1.81	0.00	0.00	20.66	17.61	9.99	7.51	10.84	####	####	5.70	5.07
1 to 4	16.95	0.75	2.00	0.00	0.00	26.36	24.20	16.95	13.64	20.24	####	####	12.35	11.83
1 to 5	32.26	0.75	1.87	0.00	0.00	32.18	31.29	32.26	25.81	35.99	####	####	28.69	29.10
6 to 6	2.95	0.72	0.94	0.00	0.00	46.32	44.41	2.95	2.29	1.48	####	####	3.78	3.78
6 to 7	11.28	0.59	1.08	0.00	0.00	46.41	47.70	11.28	7.11	7.26	####	####	14.47	15.51
6 to 8	23.19	0.52	1.07	0.00	0.00	43.52	44.14	23.19	12.99	14.81	####	####	27.90	29.51
6 to 9	33.50	0.49	1.05	0.00	0.00	41.25	41.48	33.50	17.64	20.98	####	####	38.20	40.06
6 to 10	39.63	0.49	1.03	0.00	0.00	40.27	40.42	39.63	20.67	24.35	####	####	44.11	46.19
6 to 11	67.74	1.02	1.58	0.00	0.00	38.08	36.30	67.74	74.19	64.01	####	####	71.31	70.90

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	Assays							Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.38	1.20	1.84			27.74	23.32	0.39	0.34	0.35	####	####	0.31	0.30
+150 M	1.41	1.20	1.84			27.74	23.32	1.41	1.26	1.29	####	####	1.15	1.10
+200 M	1.08	1.28	1.78			28.76	13.79	1.08	1.03	0.96	####	####	0.92	0.50
+270 M	0.72	1.48	0.83			34.16	29.20	0.72	0.79	0.32	####	####	0.72	0.70
+400 M	1.64	1.72	2.00			26.30	23.93	1.64	2.10	1.64	####	####	1.27	1.31
-400 M	94.77	1.34	2.02			34.24	30.42	94.77	94.48	95.45	####	####	95.63	96.10
+01 Cone	1.13	1.24	1.52			34.18	30.01	1.13	1.04	0.86	####	####	1.14	1.13
+02 C	1.67	1.24	1.52			34.18	30.01	1.67	1.54	1.27	####	####	1.68	1.67
+03 C	3.34	0.92	1.36			27.94	26.56	3.34	2.04	2.26	####	####	2.75	2.96
+04 C	11.63	0.46	0.74			31.06	30.42	11.62	3.98	4.29	####	####	10.65	11.79
+05 C	11.22	0.42	0.94			35.04	31.23	11.22	3.51	4.70	####	####	11.59	11.68
-05 C	65.78	1.68	2.50	0.00	0.00	34.99	30.22	65.78	82.37	82.07	####	####	67.82	66.37
Head (Asy)		1.28	1.88			32.16	30.62							
Head (Calc)	100.00	1.34	2.01	0.00	0.00	33.93	30.00	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.39	1.20	1.84	0.00	0.00	27.74	23.32	0.33	0.34	0.25	####	####	0.31	0.39
1 to 2	1.79	1.20	1.84	0.00	0.00	27.74	23.32	1.79	1.60	1.64	####	####	1.46	1.39
1 to 3	2.87	1.23	1.82	0.00	0.90	28.12	19.73	2.87	2.43	2.60	####	####	2.38	1.39
1 to 4	3.59	1.30	1.62	0.00	0.00	29.33	21.43	3.59	3.42	2.92	####	####	3.10	2.59
1 to 5	5.23	1.42	1.75	0.00	0.00	28.38	22.35	5.23	5.52	4.55	####	####	4.37	3.90
6 to 6	1.13	1.24	1.52	0.00	0.00	34.18	30.01	1.13	1.04	0.86	####	####	1.14	1.13
6 to 7	2.80	1.24	1.52	0.00	0.00	34.18	30.01	2.80	2.58	2.12	####	####	2.82	2.80
6 to 8	6.14	1.01	1.43	0.00	0.00	30.79	28.13	6.14	4.62	4.39	####	####	5.57	5.76
6 to 9	17.77	0.65	0.79	0.00	0.00	30.97	29.63	17.77	8.60	8.68	####	####	16.22	17.55
6 to 10	28.99	0.56	0.93	0.00	0.00	32.54	30.25	28.99	12.11	13.38	####	####	27.90	29.23
6 to 11	94.77	1.34	2.02	0.00	0.00	34.24	30.42	94.77	94.48	95.45	####	####	95.63	96.10

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6043-063				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.44	0.54	1.32			22.08	13.99	4.44	3.42	3.58	####	####	2.65	1.65
+150 M	4.29	0.62	2.38			20.90	14.42	4.29	3.79	5.46	####	####	2.42	1.64
+200 M	8.51	0.74	2.70			28.10	25.90	8.51	8.98	14.05	####	####	6.45	5.86
+270 M	10.38	0.72	2.38			35.14	34.94	10.38	10.65	16.37	####	####	9.85	9.63
+400 M	22.44	0.64	1.72			38.40	39.26	22.44	20.47	26.34	####	####	23.26	23.40
-400 M	49.94	0.74	1.12			41.08	43.58	49.94	52.68	34.20	####	####	55.37	57.81
+#1 Conc	2.77	0.52	0.88			52.28	49.33	2.77	2.05	1.49	####	####	3.91	3.63
+#2 C	11.87	0.54	1.14			44.66	49.74	11.87	9.14	8.27	####	####	14.31	15.68
+#3 C	18.32	0.54	1.48			41.58	44.40	18.32	14.10	16.58	####	####	20.56	21.61
+#4 C	9.50	0.58	0.42			39.98	41.93	9.50	7.86	2.44	####	####	10.25	10.58
+#5 C	2.01	0.64	0.28			38.88	37.41	2.01	1.83	0.34	####	####	2.11	2.00
-#5 C	5.47	2.27	1.52	0.00	0.00	29.68	29.69	5.47	17.72	5.07	####	####	4.24	4.31
Head (Asy)		0.74	1.30			37.30	37.41							
Head (Calc)	100.00	0.70	1.64	0.00	0.00	37.05	37.64	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.44	0.54	1.32	0.00	0.00	22.08	13.99	4.44	3.42	3.58	####	####	2.65	1.65
1 to 2	8.73	0.58	1.69	0.00	0.00	21.50	14.20	8.73	7.21	9.04	####	####	5.07	3.29
1 to 3	17.24	0.66	2.19	0.00	0.00	24.76	19.98	17.24	16.19	23.09	####	####	11.52	9.15
1 to 4	27.62	0.69	2.34	0.00	0.00	28.66	25.60	27.62	26.84	39.46	####	####	21.37	18.73
1 to 5	50.06	0.66	2.15	0.00	0.00	33.33	31.72	50.06	47.22	65.30	####	####	44.63	42.19
6 to 6	2.77	0.52	0.88	0.00	0.00	52.28	49.33	2.77	2.05	1.49	####	####	3.91	3.63
6 to 7	14.64	0.54	1.09	0.00	0.00	46.10	49.66	14.64	11.19	9.76	####	####	18.22	19.31
6 to 8	32.96	0.54	1.31	0.00	0.00	43.59	46.74	32.96	25.29	26.34	####	####	38.79	40.92
6 to 9	42.46	0.55	1.11	0.00	0.00	42.78	45.66	42.46	33.15	28.78	####	####	49.33	51.50
6 to 10	44.47	0.55	1.07	0.00	0.00	42.60	45.29	44.47	34.98	29.12	####	####	51.14	53.50
6 to 11	49.94	0.74	1.12	0.00	0.00	41.38	43.59	49.94	52.68	34.20	####	####	55.37	57.81

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	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.26	0.50	0.94			19.04	10.49	2.26	1.35	1.26	####	####	1.21	0.67
+150 M	2.86	0.64	1.78			22.36	16.44	2.86	2.18	3.02	####	####	1.79	1.31
+200 M	5.32	0.76	2.74			26.78	25.28	5.32	4.81	8.65	####	####	3.99	3.75
+270 M	6.06	0.76	2.14			34.06	34.12	6.06	5.48	7.69	####	####	5.78	5.74
+400 M	17.10	0.66	1.38			37.46	37.82	17.10	13.44	14.00	####	####	17.94	18.33
-400 M	66.40	0.92	1.66			37.26	38.08	66.40	72.74	65.38	####	####	69.29	70.49
+#1 Conc	2.25	0.28	0.70			24.28	47.60	2.25	0.75	0.93	####	####	1.53	2.99
+#2 C	6.98	0.44	0.90			46.08	51.93	6.98	3.82	3.73	####	####	9.16	10.10
+#3 C	11.47	0.40	1.24			39.94	43.71	11.47	5.46	8.44	####	####	12.83	13.97
+#4 C	10.34	0.36	0.68			35.28	36.78	10.34	4.43	4.17	####	####	10.22	10.60
+#5 C	5.98	0.40	1.00			33.76	34.34	5.98	2.85	3.55	####	####	5.65	5.31
-#5 C	29.33	1.58	2.56	0.00	0.00	36.33	32.78	29.33	55.42	44.57	####	####	29.90	27.31
Head (Asy)		0.94	1.64			34.44	37.22							
Head (Calc)	100.00	0.94	1.69	0.00	0.00	35.70	35.38	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.26	0.50	0.94	0.00	0.00	19.04	10.49	2.26	1.35	1.26	####	####	1.21	0.67
1 to 2	5.12	0.58	1.41	0.00	0.00	20.39	13.90	5.12	3.52	4.28	####	####	3.00	1.98
1 to 3	10.44	0.67	2.09	0.00	0.00	23.89	19.70	10.44	8.34	12.93	####	####	6.99	5.73
1 to 4	16.50	0.70	2.11	0.00	0.00	27.63	25.00	16.50	13.82	20.62	####	####	12.77	11.50
1 to 5	33.60	0.68	1.74	0.00	0.00	32.63	31.52	33.60	27.26	34.62	####	####	30.71	29.52
6 to 6	2.25	0.28	0.70	0.00	0.00	24.28	47.60	2.25	0.75	0.93	####	####	1.53	2.99
6 to 7	9.23	0.42	0.85	0.00	0.00	41.37	50.87	9.23	4.57	4.66	####	####	10.69	13.09
6 to 8	20.70	0.41	1.07	0.00	0.00	40.58	46.98	20.70	10.04	13.10	####	####	23.53	27.06
6 to 9	31.04	0.39	0.94	0.00	0.00	39.31	43.53	31.04	14.47	17.27	####	####	33.74	37.66
6 to 10	37.02	0.39	0.95	0.00	0.00	38.00	42.13	37.02	17.32	20.82	####	####	39.40	43.47
6 to 11	66.40	0.92	1.66	0.00	0.00	37.26	38.08	66.40	72.74	65.38	####	####	69.29	70.49

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6043-063			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.89	1.36	1.76			30.74	31.16	0.89	0.90	0.67	####	####	0.77	0.86
+150 M	0.37	1.36	1.76			30.74	31.16	0.37	0.38	0.29	####	####	0.32	0.36
+200 M	1.52	1.36	1.76			30.74	31.16	1.52	1.54	1.14	####	####	1.31	1.49
+270 M	0.80	1.48	2.00			36.52	31.16	0.80	0.88	0.95	####	####	0.82	0.78
+400 M	1.24	1.32	1.38			26.72	22.07	1.24	1.22	0.73	####	####	0.93	0.85
-400 M	95.18	1.34	2.38			35.94	32.24	95.18	95.08	96.24	####	####	95.86	95.67
+81 Conc	0.90	0.88	1.48			28.76	25.97	0.90	0.59	0.57	####	####	0.73	0.73
+82 C	1.11	0.88	1.48			28.76	25.97	1.11	0.73	0.70	####	####	0.89	0.90
+83 C	2.92	0.88	1.48			28.76	25.97	2.92	1.92	1.84	####	####	2.35	2.36
+84 C	11.45	0.42	1.14			34.22	24.62	11.45	3.58	5.55	####	####	10.98	12.36
+85 C	9.15	0.44	1.02			37.40	34.19	9.15	3.00	3.97	####	####	9.59	9.75
-85 C	69.65	1.64	2.83	0.00	0.00	36.54	32.04	69.65	85.26	83.63	####	####	71.32	69.57
Head (Asy)		1.28	2.40			34.78	32.39							
Head (Calc)	100.00	1.34	2.35	0.00	0.00	35.69	32.08	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.89	1.36	1.76	0.00	0.00	30.74	31.16	0.89	0.90	0.67	####	####	0.77	0.86
1 to 2	1.26	1.36	1.76	0.00	0.00	30.74	31.16	1.26	1.28	0.94	####	####	1.09	1.22
1 to 3	2.78	1.36	1.76	0.00	0.00	30.74	31.16	2.78	2.82	2.08	####	####	2.39	2.70
1 to 4	3.58	1.39	1.79	0.00	0.00	32.03	31.16	3.58	3.70	3.03	####	####	3.21	3.49
1 to 5	4.82	1.37	1.83	0.00	0.00	30.47	28.82	4.82	4.92	3.76	####	####	4.14	4.33
6 to 6	0.90	0.88	1.48	0.00	0.00	28.76	25.97	0.90	0.59	0.57	####	####	0.73	0.73
6 to 7	2.01	0.88	1.48	0.00	0.00	28.76	25.97	2.01	1.32	1.26	####	####	1.62	1.63
6 to 8	4.93	0.88	1.48	0.00	0.00	28.76	25.97	4.93	3.23	3.10	####	####	3.97	3.99
6 to 9	16.38	0.56	1.24	0.00	0.00	32.58	32.02	16.38	6.82	8.65	####	####	14.95	16.35
6 to 10	25.53	0.52	1.16	0.00	0.00	34.31	32.80	25.53	9.82	12.61	####	####	24.54	26.10
6 to 11	95.18	1.34	2.38	0.00	0.00	35.94	32.24	95.18	95.08	96.24	####	####	95.86	95.67

B.M.+S.—Metallurgical Laboratory Report

6043-066

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.71	0.60	1.60			21.26	14.06	4.71	3.75	4.01	####	####	2.56	1.63
+150 M	4.71	0.74	2.22			23.26	17.31	4.71	4.62	5.56	####	####	2.80	2.01
+200 M	8.48	0.80	3.08			29.54	27.26	8.48	9.00	13.89	####	####	6.40	5.69
+270 M	9.77	0.78	2.52			36.56	37.65	9.77	10.11	13.09	####	####	9.13	9.06
+400 M	26.52	0.66	2.22			40.56	44.57	26.52	23.92	31.30	####	####	27.50	29.11
-400 M	45.81	0.80	1.32			44.06	46.52	45.81	48.61	32.15	####	####	51.60	52.49
+#1 Conc	2.24	0.52	1.16			48.40	50.36	2.24	1.54	1.38	####	####	2.77	2.78
+#2 C	11.47	0.54	1.18			48.06	50.23	11.47	8.21	7.20	####	####	14.09	14.19
+#3 C	16.88	0.54	0.76			44.46	47.82	16.88	12.09	6.82	####	####	19.19	19.88
+#4 C	7.72	0.60	0.62			43.40	43.06	7.72	6.14	2.54	####	####	8.57	8.19
+#5 C	1.80	0.72	0.52			44.08	37.87	1.80	1.72	0.50	####	####	2.03	1.68
-#5 C	5.70	2.50	4.52	0.00	0.00	34.01	41.11	5.70	18.89	13.71	####	####	4.96	5.77
Head (Assy)		0.80	1.70			39.04	38.46							
Head (Calc)	100.00	0.75	1.88	0.00	0.00	39.11	40.60	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.71	0.60	1.60	0.00	0.00	21.26	14.06	4.71	3.75	4.01	####	####	2.56	1.63
1 to 2	9.42	0.67	1.91	0.00	0.00	22.26	15.69	9.42	8.37	9.57	####	####	5.36	3.64
1 to 3	17.90	0.73	2.46	0.00	0.00	25.71	21.17	17.90	17.37	23.45	####	####	11.77	9.33
1 to 4	27.67	0.75	2.48	0.00	0.00	29.54	26.99	27.67	27.48	36.54	####	####	20.90	18.39
1 to 5	54.19	0.72	2.35	0.00	0.00	34.93	35.59	54.19	51.39	67.85	####	####	46.40	47.51
6 to 6	2.24	0.52	1.16	0.00	0.00	48.40	50.36	2.24	1.54	1.38	####	####	2.77	2.78
6 to 7	13.71	0.54	1.18	0.00	0.00	48.12	50.25	13.71	9.76	8.58	####	####	16.87	16.97
6 to 8	30.59	0.54	0.95	0.00	0.00	46.10	48.91	30.59	21.85	15.40	####	####	36.05	36.85
6 to 9	38.31	0.55	0.88	0.00	0.00	45.53	47.73	38.31	27.99	17.94	####	####	44.62	45.04
6 to 10	40.11	0.56	0.86	0.00	0.00	45.49	47.29	40.11	29.71	18.44	####	####	46.65	46.72
6 to 11	45.81	0.80	1.32	0.00	0.00	44.06	46.52	45.81	48.61	32.15	####	####	51.60	52.49

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6843-867

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.10	0.56	1.16			15.92	7.50	2.10	1.22	2.59	####	####	0.87	0.41
+150 M	2.45	0.76	1.90			19.90	13.51	2.45	1.92	4.95	####	####	1.28	0.85
+200 M	5.40	0.64	2.36			28.80	27.44	5.40	4.69	13.56	####	####	4.07	3.82
+270 M	6.80	0.82	1.56			36.62	35.34	6.60	5.76	11.28	####	####	6.52	6.20
+400 M	14.55	0.74	0.78			39.68	39.91	14.55	11.13	12.07	####	####	15.11	14.98
-400 M	68.70	1.06	0.76			40.14	41.62	68.70	75.28	55.54	####	####	72.16	73.74
+#1 Conc	3.26	0.68	0.36			47.20	50.33	3.26	2.29	1.25	####	####	4.03	4.23
+#2 C	8.41	0.59	0.66			46.34	48.91	8.41	5.04	5.90	####	####	10.20	10.61
+#3 C	11.64	0.48	0.32			42.14	44.91	11.64	5.73	3.96	####	####	12.83	13.48
+#4 C	10.11	0.44	0.22			38.82	38.93	10.11	4.60	2.37	####	####	10.27	10.15
+#5 C	5.72	0.46	0.20			36.90	34.65	5.72	2.72	1.22	####	####	5.82	5.11
-#5 C	29.56	1.80	1.30	0.00	0.00	37.39	39.56	29.56	54.85	40.84	####	####	29.31	30.16
Head (Assy)		0.95	1.09			37.40	37.86							
Head (Calc)	100.00	0.97	0.94	0.00	0.00	38.22	38.77	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.10	0.56	1.16	0.00	0.00	15.92	7.50	2.10	1.22	2.59	####	####	0.87	0.41
1 to 2	4.55	0.67	1.56	0.00	0.00	18.06	10.74	4.55	3.14	7.54	####	####	2.15	1.26
1 to 3	9.95	0.76	1.99	0.00	0.00	23.89	19.80	9.95	7.83	21.10	####	####	6.22	5.08
1 to 4	16.75	0.79	1.82	0.00	0.00	29.06	26.11	16.75	13.59	32.38	####	####	12.74	11.23
1 to 5	31.30	0.76	1.34	0.00	0.00	34.00	32.52	31.30	24.72	44.46	####	####	27.84	26.26
6 to 6	3.26	0.68	0.36	0.00	0.00	47.20	50.33	3.26	2.29	1.25	####	####	4.03	4.23
6 to 7	11.67	0.61	0.56	0.00	0.00	46.58	49.31	11.67	7.33	7.15	####	####	14.22	14.84
6 to 8	23.31	0.54	0.45	0.00	0.00	44.36	47.11	23.31	12.11	11.12	####	####	27.06	28.32
6 to 9	33.42	0.51	0.38	0.00	0.00	42.69	44.64	33.42	17.71	13.48	####	####	37.33	38.47
6 to 10	39.14	0.50	0.35	0.00	0.00	41.84	43.18	39.14	20.43	14.70	####	####	42.85	43.59
6 to 11	68.70	1.06	0.76	0.00	0.00	40.14	41.62	68.70	75.28	55.54	####	####	72.16	73.74

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6043-068

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.01	0.96	1.16			26.04	18.61	0.01	0.01	0.01	####	####	0.01	0.01
+150 M	0.01	0.96	1.16			26.04	18.61	0.01	0.01	0.01	####	####	0.01	0.01
+200 M	0.03	0.96	1.16			26.04	18.61	0.03	0.02	0.02	####	####	0.02	0.02
+270 M	0.06	0.96	1.16			26.04	18.61	0.06	0.04	0.05	####	####	0.04	0.04
+400 M	0.40	0.96	1.16			26.04	18.61	0.40	0.29	0.30	####	####	0.29	0.24
-400 M	99.49	1.34	1.54			35.78	31.65	99.49	99.63	99.62	####	####	99.63	99.70
+#1 Conc	0.33	0.82	1.20			31.86	29.51	0.33	0.51	0.65	####	####	0.74	0.78
+#2 C	0.50	0.82	1.20			31.86	29.51	0.50	0.31	0.29	####	####	0.45	0.47
+#3 C	1.67	0.82	1.20			31.86	29.51	1.67	1.02	1.30	####	####	1.49	1.56
+#4 C	10.27	0.33	1.00			31.44	30.16	10.27	2.92	6.68	####	####	9.04	9.31
+#5 C	12.60	0.40	0.26			35.60	32.72	12.60	3.77	2.13	####	####	12.55	13.05
-#5 C	73.62	1.66	1.85	0.00	0.00	36.59	31.76	73.62	91.11	88.47	####	####	75.36	74.04
Head (Asy)		1.36	2.08			34.32	32.72							
Head (Calc)	100.00	1.34	1.54	0.00	0.00	35.73	31.53	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.01	0.96	1.16	0.00	0.00	26.04	18.61	0.01	0.01	0.01	####	####	0.01	0.01
1 to 2	0.02	0.96	1.16	0.00	0.00	26.04	18.61	0.02	0.01	0.02	####	####	0.01	0.01
1 to 3	0.05	0.96	1.16	0.00	0.00	26.04	18.61	0.05	0.04	0.04	####	####	0.04	0.03
1 to 4	0.11	0.96	1.16	0.00	0.00	26.04	18.61	0.11	0.08	0.08	####	####	0.08	0.06
1 to 5	0.51	0.96	1.16	0.00	0.00	26.04	18.61	0.51	0.37	0.39	####	####	0.37	0.30
6 to 6	0.33	0.82	1.20	0.00	0.00	31.86	29.51	0.33	0.51	0.65	####	####	0.74	0.78
6 to 7	1.33	0.82	1.20	0.00	0.00	31.86	29.51	1.33	0.82	1.04	####	####	1.19	1.24
6 to 8	3.00	0.82	1.20	0.00	0.00	31.86	29.51	3.00	1.84	2.34	####	####	2.68	2.80
6 to 9	13.27	0.48	1.05	0.00	0.00	31.53	30.01	13.27	4.76	9.02	####	####	11.71	12.61
6 to 10	25.87	0.44	0.66	0.00	0.00	33.51	31.33	25.87	8.52	11.15	####	####	24.27	25.66
6 to 11	99.49	1.34	1.54	0.00	0.00	35.78	31.65	99.49	99.63	99.62	####	####	99.63	99.70

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6043-069				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.42	0.54	1.50			17.78	9.36	3.42	2.53	3.86	####	####	1.58	0.88
+150 M	3.99	0.70	2.34			21.94	14.64	3.99	3.83	7.03	####	####	2.28	1.60
+200 M	8.49	0.78	2.60			29.42	25.82	8.49	9.07	16.63	####	####	6.49	6.02
+270 M	10.16	0.76	1.80			36.78	34.16	10.16	10.58	13.77	####	####	9.72	9.53
+400 M	21.76	0.66	1.28			39.80	38.63	21.76	19.67	20.98	####	####	22.52	23.09
-400 M	52.18	0.76	0.96			42.32	41.07	52.18	54.32	37.73	####	####	57.42	58.87
+#1 Conc	4.01	0.56	0.68			47.66	47.98	4.01	3.08	2.05	####	####	4.97	5.29
+#2 C	12.03	0.56	0.60			47.72	47.17	12.03	9.23	5.44	####	####	14.93	15.59
+#3 C	17.53	0.50	0.70			41.08	40.46	17.53	12.01	9.24	####	####	18.72	19.48
+#4 C	9.72	0.52	0.40			41.94	39.03	9.72	6.92	2.93	####	####	10.60	10.42
+#5 C	2.50	0.64	0.58			39.59	37.41	2.50	2.17	1.09	####	####	2.57	2.57
-#5 C	6.39	2.39	3.53	0.00	0.00	33.39	31.46	6.39	20.90	16.93	####	####	5.55	5.52
Head (Asy)		0.74	1.34			38.34	37.41							
Head (Calc)	100.00	0.73	1.33	0.00	0.00	38.46	36.40	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.42	0.54	1.50	0.00	0.00	17.78	9.36	3.42	2.53	3.86	####	####	1.58	0.88
1 to 2	7.41	0.63	1.95	0.00	0.00	20.02	12.20	7.41	6.36	10.90	####	####	3.86	2.48
1 to 3	15.90	0.71	2.30	0.00	0.00	25.04	19.47	15.90	15.43	27.52	####	####	10.35	8.51
1 to 4	26.06	0.73	2.10	0.00	0.00	29.62	25.20	26.06	26.00	41.29	####	####	20.07	18.04
1 to 5	47.82	0.70	1.73	0.00	0.00	34.25	31.31	47.82	45.68	62.27	####	####	42.59	41.13
6 to 6	4.01	0.56	0.68	0.00	0.00	47.66	47.98	4.01	3.08	2.05	####	####	4.97	5.29
6 to 7	16.04	0.56	0.62	0.00	0.00	47.71	47.37	16.04	12.30	7.49	####	####	19.90	20.87
6 to 8	33.57	0.53	0.66	0.00	0.00	44.25	43.76	33.57	24.31	16.73	####	####	38.62	40.36
6 to 9	43.29	0.53	0.60	0.00	0.00	43.73	42.70	43.29	31.23	19.66	####	####	49.22	50.79
6 to 10	45.79	0.53	0.60	0.00	0.00	43.50	42.41	45.79	33.43	20.75	####	####	51.79	53.35
6 to 11	52.18	0.76	0.96	0.00	0.00	42.32	41.07	52.18	54.32	37.73	####	####	57.42	58.87

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6043-070

	Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.03	1.10	1.36			26.52	21.35	0.03	0.03	0.02	####	####	0.02	0.02
+150 M	0.21	1.10	1.36			26.52	21.35	0.21	0.18	0.14	####	####	0.16	0.15
+200 M	0.06	1.10	1.36			26.52	21.35	0.06	0.05	0.04	####	####	0.05	0.04
+270 M	0.13	1.10	1.36			26.52	21.35	0.13	0.11	0.09	####	####	0.10	0.09
+400 M	1.00	1.10	1.36			26.52	21.35	1.00	0.85	0.68	####	####	0.77	0.71
-400 M	98.57	1.30	2.02			34.56	30.09	98.57	98.79	99.03	####	####	98.90	98.98
+#1 Conc	0.49	0.92	1.42			31.42	22.97	0.49	0.35	0.35	####	####	0.45	0.38
+#2 C	0.61	0.92	1.42			31.42	22.97	0.61	0.43	0.43	####	####	0.56	0.47
+#3 C	1.20	0.92	1.42			31.42	22.97	1.20	0.85	0.85	####	####	1.09	0.92
+#4 C	7.46	0.42	0.66			28.62	26.64	7.46	2.42	2.45	####	####	6.20	6.63
+#5 C	12.40	0.40	0.90			34.78	30.70	12.40	3.82	5.55	####	####	12.52	12.70
-#5 C	76.41	1.54	2.35	0.00	0.00	35.20	30.54	76.41	90.92	89.41	####	####	78.08	77.89
Head (Asy)		1.28	2.02			33.40	30.50							
Head (Calc)	100.00	1.30	2.01	0.00	0.00	34.45	29.97	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.03	1.10	1.36	0.00	0.00	26.52	21.35	0.03	0.03	0.02	####	####	0.02	0.02
1 to 2	0.24	1.10	1.36	0.00	0.00	26.52	21.35	0.24	0.20	0.16	####	####	0.18	0.17
1 to 3	0.30	1.10	1.36	0.00	0.00	26.52	21.35	0.30	0.25	0.20	####	####	0.23	0.21
1 to 4	0.43	1.10	1.36	0.00	0.00	26.52	21.35	0.43	0.36	0.29	####	####	0.33	0.31
1 to 5	1.43	1.10	1.36	0.00	0.00	26.52	21.35	1.43	1.21	0.97	####	####	1.10	1.02
6 to 6	0.49	0.92	1.42	0.00	0.00	31.42	22.97	0.49	0.35	0.35	####	####	0.45	0.38
6 to 7	1.10	0.92	1.42	0.00	0.00	31.42	22.97	1.10	0.78	0.78	####	####	1.00	0.84
6 to 8	2.30	0.92	1.42	0.00	0.00	31.42	22.97	2.30	1.63	1.62	####	####	2.10	1.76
6 to 9	9.76	0.54	0.84	0.00	0.00	29.29	25.78	9.76	4.05	4.07	####	####	8.30	8.40
6 to 10	22.16	0.46	0.87	0.00	0.00	32.36	28.53	22.16	7.87	9.62	####	####	20.82	21.10
6 to 11	98.57	1.30	2.02	0.00	0.00	34.56	30.09	98.57	98.79	99.03	####	####	98.90	98.98

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6043-071		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.18	0.52	1.66			13.32	5.29	2.18	1.22	2.25	####	####	0.79	0.32
+150 M	2.45	0.70	2.60			19.32	12.41	2.45	1.84	3.97	####	####	1.29	0.85
+200 M	4.98	0.80	2.28			27.12	24.60	4.98	4.28	7.07	####	####	3.68	3.44
+270 M	5.90	0.82	1.90			35.62	34.56	5.90	5.19	6.98	####	####	5.73	5.72
+400 M	16.86	0.74	1.66			38.46	39.44	16.86	13.40	17.42	####	####	17.68	18.66
-400 M	67.63	1.02	1.48			38.42	37.41	67.63	74.07	62.31	####	####	70.83	71.00
+#1 Conc	2.08	0.60	0.60			49.30	49.81	2.08	1.34	0.78	####	####	2.82	2.91
+#2 C	7.13	0.56	0.34			47.42	50.47	7.13	4.29	3.73	####	####	9.22	10.10
+#3 C	11.62	0.48	0.52			42.62	43.30	11.62	5.99	3.76	####	####	13.50	14.12
+#4 C	10.44	0.42	0.26			38.42	36.19	10.44	4.71	1.69	####	####	10.93	10.60
+#5 C	6.26	0.44	0.42			37.00	32.73	6.26	2.96	1.64	####	####	6.31	5.75
-#5 C	30.10	1.70	2.71	0.00	0.00	34.18	32.58	30.10	54.79	50.72	####	####	28.04	27.52
Head (Asy)		0.92	1.40			36.52	36.60							
Head (Calc)	100.00	0.93	1.61	0.00	0.00	36.68	35.63	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.18	0.52	1.66	0.00	0.00	13.32	5.29	2.18	1.22	2.25	####	####	0.79	0.32
1 to 2	4.63	0.62	2.16	0.00	0.00	16.49	9.06	4.63	3.06	6.22	####	####	2.08	1.18
1 to 3	9.61	0.71	2.22	0.00	0.00	22.00	17.11	9.61	7.34	13.29	####	####	5.76	4.61
1 to 4	15.51	0.75	2.10	0.00	0.00	27.18	23.75	15.51	12.53	20.27	####	####	11.49	10.34
1 to 5	32.37	0.75	1.87	0.00	0.00	33.06	31.92	32.37	25.93	37.69	####	####	29.17	29.00
6 to 6	2.08	0.60	0.60	0.00	0.00	49.30	49.81	2.08	1.34	0.78	####	####	2.82	2.91
6 to 7	9.21	0.57	0.79	0.00	0.00	47.96	50.32	9.21	5.63	4.51	####	####	12.04	13.01
6 to 8	20.83	0.52	0.64	0.00	0.00	44.98	46.40	20.83	11.62	8.27	####	####	25.54	27.13
6 to 9	31.27	0.49	0.51	0.00	0.00	42.79	42.99	31.27	16.32	9.96	####	####	36.48	37.73
6 to 10	37.53	0.48	0.50	0.00	0.00	41.32	41.28	37.53	19.28	11.59	####	####	42.79	43.48
6 to 11	67.63	1.02	1.48	0.00	0.00	38.42	37.41	67.63	74.07	62.31	####	####	70.83	71.00

B.M.+S.--Metallurgical Laboratory Report

6043-072

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.42	0.66	1.88			21.24	14.80	4.62	4.10	6.06	####	####	2.83	1.81
+150 M	4.82	0.78	2.22			23.08	18.91	4.82	5.05	7.47	####	####	3.21	2.42
+200 M	8.05	0.78	2.34			26.68	25.69	8.05	8.44	13.14	####	####	6.19	5.49
+270 M	9.02	0.78	2.22			32.18	34.74	9.02	9.45	13.97	####	####	8.37	8.31
+400 M	25.21	0.66	1.46			35.52	39.88	25.21	22.36	25.68	####	####	25.81	26.67
-400 M	48.28	0.78	1.00			38.52	43.17	48.28	50.60	33.68	####	####	53.63	55.30
+#1 Conc	2.35	0.64	0.68			49.24	49.74	2.35	2.02	1.11	####	####	3.34	3.10
+#2 C	10.87	0.54	0.78			42.22	51.39	10.87	7.89	5.92	####	####	13.23	14.82
+#3 C	16.77	0.48	0.70			37.94	44.40	16.77	10.82	8.19	####	####	18.29	19.75
+#4 C	9.81	0.50	0.78			36.12	40.70	9.81	6.59	5.34	####	####	10.21	10.57
+#5 C	2.44	0.64	1.78			35.56	34.94	2.44	2.10	3.03	####	####	2.50	2.26
-#5 C	6.04	2.61	2.40	0.00	0.00	34.67	29.74	6.04	21.19	10.09	####	####	6.04	4.77
Head (Asy)		0.73	1.48			35.38	37.21							
Head (Calc)	100.00	0.74	1.43	0.00	0.00	34.70	37.69	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.62	0.66	1.88	0.00	0.00	21.24	14.80	4.62	4.10	6.06	####	####	2.33	1.81
1 to 2	9.44	0.72	2.05	0.00	0.00	22.19	16.90	9.44	9.15	13.53	####	####	6.03	4.23
1 to 3	17.49	0.75	2.19	0.00	0.00	24.25	20.94	17.49	17.59	26.67	####	####	12.22	9.72
1 to 4	26.51	0.76	2.20	0.00	0.00	26.95	25.64	26.51	27.04	40.64	####	####	20.59	18.03
1 to 5	51.72	0.71	1.84	0.00	0.00	31.13	32.58	51.72	49.40	66.32	####	####	46.40	44.70
6 to 6	2.35	0.64	0.68	0.00	0.00	49.24	49.74	2.35	2.02	1.11	####	####	3.34	3.10
6 to 7	13.22	0.56	0.76	0.00	0.00	43.47	51.10	13.22	9.91	7.03	####	####	16.56	17.92
6 to 8	29.99	0.51	0.73	0.00	0.00	40.32	47.35	29.99	20.72	15.22	####	####	34.85	37.68
6 to 9	39.80	0.51	0.74	0.00	0.00	39.29	45.71	39.80	27.32	20.56	####	####	45.06	48.27
6 to 10	42.24	0.52	0.80	0.00	0.00	39.07	45.09	42.24	29.41	23.59	####	####	47.57	50.53
6 to 11	48.29	0.78	1.00	0.00	0.00	38.52	43.17	48.29	50.60	33.63	####	####	53.60	55.30

S.M.+G.—Metallurgical Laboratory Report

6043-073				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.24	0.54	1.24			7.42	5.34	2.24	1.29	1.64	####	####	0.55	0.36
+150 M	2.58	0.64	1.44			10.64	8.73	2.58	1.77	2.19	####	####	0.91	0.69
+200 M	5.17	0.73	1.80			19.50	20.79	5.17	4.31	5.48	####	####	3.33	3.28
+270 M	6.01	0.50	1.66			27.78	32.01	6.01	5.14	5.88	####	####	5.51	5.87
+400 M	13.80	0.74	1.36			32.28	37.83	13.80	10.92	11.22	####	####	14.71	15.92
-400 M	70.20	1.02	1.78			32.34	34.51	70.20	76.57	73.60	####	####	74.99	73.88
+#1 Conc	2.99	0.86	1.12			39.78	45.52	2.99	2.75	1.97	####	####	3.93	4.15
+#2 C	7.97	0.70	1.20			42.92	45.84	7.97	5.97	5.63	####	####	11.30	11.14
+#3 C	11.81	0.56	1.06			34.60	40.74	11.81	7.07	7.37	####	####	13.50	14.67
+#4 C	10.72	0.50	1.04			30.18	32.64	10.72	5.73	6.57	####	####	10.69	10.67
+#5 C	6.48	0.52	1.04			29.56	30.35	6.48	3.60	3.97	####	####	6.33	6.00
-#5 C	30.23	1.59	2.70	0.00	0.00	29.29	29.55	30.23	51.45	48.09	####	####	29.25	27.25
Head (Asy)		0.92	1.60			29.00	33.47							
Head (Calc)	100.00	0.94	1.70	0.00	0.00	30.28	32.79	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.24	0.54	1.24	0.00	0.00	7.42	5.34	2.24	1.29	1.64	####	####	0.55	0.36
1 to 2	4.82	0.59	1.35	0.00	0.00	9.14	7.15	4.82	3.06	3.82	####	####	1.46	1.05
1 to 3	9.99	0.69	1.55	0.00	0.00	14.50	14.21	9.99	7.37	9.31	####	####	4.79	4.33
1 to 4	16.00	0.73	1.61	0.00	0.00	19.49	20.90	16.00	12.51	15.18	####	####	10.30	10.20
1 to 5	29.80	0.74	1.53	0.00	0.00	25.41	28.74	29.80	23.43	26.40	####	####	25.01	26.12
6 to 6	2.99	0.86	1.12	0.00	0.00	39.78	45.52	2.99	2.75	1.97	####	####	3.93	4.15
6 to 7	10.96	0.74	1.18	0.00	0.00	42.06	45.75	10.96	8.72	7.61	####	####	15.23	15.29
6 to 8	22.77	0.65	1.12	0.00	0.00	38.19	43.15	22.77	15.79	14.98	####	####	28.72	29.97
6 to 9	33.49	0.60	1.09	0.00	0.00	35.63	39.79	33.49	21.52	21.55	####	####	39.41	40.64
6 to 10	39.97	0.59	1.08	0.00	0.00	34.64	38.26	39.97	25.12	25.52	####	####	45.74	46.63
6 to 11	70.20	1.02	1.78	0.00	0.00	32.34	34.51	70.20	76.57	73.60	####	####	74.99	73.88

B.M.+S.—Metallurgical Laboratory Report

6043-074

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
	Assays							Distribution						
+100 M	0.01	1.30	2.20			24.24	24.95	0.01	0.01	0.01	####	####	0.01	0.01
+150 M	0.02	1.30	2.20			24.24	24.95	0.02	0.02	0.02	####	####	0.01	0.02
+200 M	0.76	1.30	2.20			24.24	24.95	0.76	0.85	0.83	####	####	0.54	0.66
+270 M	0.27	0.66	1.14			14.96	13.30	0.27	0.15	0.15	####	####	0.12	0.13
+400 M	2.22	0.66	1.14			14.96	13.30	2.22	1.25	1.25	####	####	0.97	1.03
-400 M	96.72	1.18	2.04			34.70	29.10	96.72	97.71	97.73	####	####	98.35	98.16
+01 Conc	0.93	0.58	1.06			35.28	31.60	0.93	0.46	0.49	####	####	0.96	1.02
+02 C	0.90	0.58	1.06			35.28	31.60	0.90	0.45	0.47	####	####	0.93	0.99
+03 C	4.03	0.58	1.06			35.28	31.60	4.03	2.00	2.12	####	####	4.17	4.44
+04 C	15.48	0.44	0.64			30.12	29.10	15.48	5.83	4.91	####	####	13.66	15.71
+05 C	12.03	0.46	0.76			30.02	29.73	12.03	4.74	4.53	####	####	10.58	12.47
-05 C	63.35	1.55	2.72	0.00	0.00	34.65	28.75	63.35	84.23	85.22	####	####	63.64	63.52
Head (Asy)		1.22	1.38			29.20	29.10							
Head (Calc)	100.00	1.17	2.02	0.00	0.00	34.13	28.67	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
	Assays							Distribution						
1 to 1	0.01	1.30	2.20	0.00	0.00	24.24	24.95	0.01	0.01	0.01	####	####	0.01	0.01
1 to 2	0.03	1.30	2.20	0.00	0.00	24.24	24.95	0.03	0.03	0.03	####	####	0.02	0.03
1 to 3	0.79	1.30	2.20	0.00	0.00	24.24	24.95	0.79	0.88	0.86	####	####	0.56	0.69
1 to 4	1.06	1.14	1.93	0.00	0.00	21.89	21.98	1.06	1.03	1.01	####	####	0.68	0.81
1 to 5	3.28	0.81	1.40	0.00	0.00	17.20	16.11	3.28	2.29	2.27	####	####	1.65	1.84
6 to 6	0.93	0.58	1.06	0.00	0.00	35.28	31.60	0.93	0.46	0.49	####	####	0.96	1.02
6 to 7	1.83	0.58	1.06	0.00	0.00	35.28	31.60	1.83	0.91	0.96	####	####	1.89	2.02
6 to 8	5.86	0.58	1.06	0.00	0.00	35.28	31.60	5.86	2.91	3.08	####	####	6.06	6.46
6 to 9	21.34	0.48	0.76	0.00	0.00	31.54	29.79	21.34	8.74	7.98	####	####	19.72	22.17
6 to 10	33.37	0.47	0.76	0.00	0.00	30.99	29.77	33.37	13.48	12.51	####	####	30.30	34.64
6 to 11	96.72	1.18	2.04	0.00	0.00	34.70	29.10	96.72	97.71	97.73	####	####	98.35	98.16

B.H.+S.—Metallurgical Laboratory Report

6043-075

Product		Assays Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Distribution Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100	M	4.77	0.40	0.78			7.50	4.16	4.77	2.62	3.10	####	####	1.11	0.57
+150	M	5.03	0.62	1.38			12.10	9.57	5.03	4.28	5.79	####	####	1.89	1.38
+200	M	9.16	0.76	1.66			21.48	21.62	9.16	9.55	12.68	####	####	6.12	5.69
+270	M	10.97	0.78	1.46			30.36	31.60	10.97	11.74	13.36	####	####	10.37	9.96
+400	M	23.36	0.72	1.10			32.20	38.25	23.36	23.08	21.43	####	####	23.41	25.68
-400	M	46.71	0.76	1.12			39.26	42.24	46.71	48.72	43.63	####	####	57.08	56.71
+#1	Conc	3.39	0.66	0.86			46.02	50.93	3.39	3.07	2.43	####	####	4.86	4.96
-#2	C	12.57	0.64	1.00			44.66	50.30	12.57	11.04	10.48	####	####	17.47	18.17
+#3	C	17.30	0.56	0.86			37.44	38.25	17.30	13.30	12.41	####	####	20.16	19.02
+#4	C	6.68	0.55	0.74			38.48	39.08	6.68	5.32	4.12	####	####	8.00	7.50
+#5	C	1.70	0.62	1.06			33.70	32.90	1.70	1.45	1.50	####	####	1.78	1.60
-#5	C	5.07	2.09	3.00	0.00	0.00	30.45	37.39	5.07	14.55	12.68	####	####	4.81	5.45
Head	(Asy)		0.75	1.42			33.98	35.26							
Head	(Calc)	100.00	0.73	1.20	0.00	0.00	32.12	34.79	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product	Assays Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Distribution Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.77	0.40	0.78	0.00	0.00	7.50	4.16	4.77	2.62	3.10	####	####	1.11	0.57
1 to 2	9.80	0.51	1.09	0.00	0.00	9.86	6.94	9.80	6.90	8.89	####	####	3.01	1.95
1 to 3	18.96	0.63	1.36	0.00	0.00	15.47	14.03	18.96	16.45	21.58	####	####	9.13	7.65
1 to 4	29.93	0.69	1.40	0.00	0.00	20.93	20.47	29.93	28.20	34.93	####	####	19.50	17.61
1 to 5	53.29	0.70	1.27	0.00	0.00	25.87	28.26	53.29	51.28	56.37	####	####	42.92	43.29
6 to 6	3.39	0.66	0.86	0.00	0.00	46.02	50.93	3.39	3.07	2.43	####	####	4.86	4.96
6 to 7	15.96	0.64	0.97	0.00	0.00	44.95	50.43	15.96	14.11	12.92	####	####	22.33	23.14
6 to 8	33.26	0.60	0.91	0.00	0.00	41.04	44.10	33.26	27.41	25.32	####	####	42.49	42.15
6 to 9	39.94	0.60	0.88	0.00	0.00	40.61	43.26	39.94	32.72	29.45	####	####	50.50	49.66
6 to 10	41.64	0.60	0.89	0.00	0.00	40.33	42.93	41.64	34.17	30.95	####	####	52.28	51.26
6 to 11	46.71	0.76	1.12	0.00	0.00	39.26	42.24	46.71	48.72	43.63	####	####	57.08	56.71

B.M.+S.—Metallurgical Laboratory Report

6043-076

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.38	0.42	0.76			7.36	4.42	2.38	1.10	1.12	####	####	0.57	0.32
+150 M	2.57	0.40	1.46			11.40	8.93	2.57	1.70	2.33	####	####	0.95	0.69
+200 M	5.10	0.76	1.78			21.02	21.33	5.10	4.26	5.65	####	####	3.48	3.25
+270 M	5.58	0.78	1.46			28.12	32.38	5.58	4.79	5.07	####	####	5.10	5.47
+400 M	16.29	0.74	1.20			33.14	35.32	16.29	13.26	12.16	####	####	17.54	17.43
-400 M	68.08	1.00	1.74			32.72	35.32	68.08	74.89	73.67	####	####	72.36	72.34
+#1 Conc	1.74	0.76	1.00			42.26	48.99	1.74	1.45	1.08	####	####	2.39	2.59
+#2 C	6.94	0.66	0.79			43.86	50.03	6.94	5.04	3.37	####	####	9.89	10.52
+#3 C	11.79	0.54	0.92			37.90	41.42	11.79	7.00	6.75	####	####	14.52	14.79
+#4 C	10.80	0.48	0.76			32.58	33.43	10.80	5.70	5.10	####	####	11.43	10.94
+#5 C	6.32	0.50	0.84			30.62	32.38	6.32	3.48	3.30	####	####	6.29	6.20
-#5 C	30.49	1.56	2.85	0.00	0.00	28.12	30.11	30.49	52.22	54.07	####	####	27.85	27.31
Head (Asy)		0.90	1.44			31.24	34.48							
Head (Calc)	100.00	0.91	1.61	0.00	0.00	30.79	33.01	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.38	0.42	0.76	0.00	0.00	7.36	4.42	2.38	1.10	1.12	####	####	0.57	0.32
1 to 2	4.95	0.51	1.12	0.00	0.00	9.46	6.71	4.95	2.80	3.46	####	####	1.52	1.01
1 to 3	10.05	0.64	1.46	0.00	0.00	15.33	13.98	10.05	7.06	9.10	####	####	5.00	4.26
1 to 4	15.63	0.69	1.46	0.00	0.00	19.89	20.55	15.63	11.85	14.17	####	####	10.10	9.73
1 to 5	31.92	0.72	1.33	0.00	0.00	26.65	28.09	31.92	25.11	26.33	####	####	27.64	27.16
6 to 6	1.74	0.76	1.00	0.00	0.00	42.26	48.99	1.74	1.45	1.08	####	####	2.39	2.59
6 to 7	8.68	0.68	0.82	0.00	0.00	43.54	49.82	8.68	6.49	4.45	####	####	12.28	13.10
6 to 8	20.47	0.60	0.88	0.00	0.00	40.29	44.98	20.47	13.50	11.19	####	####	26.79	27.89
6 to 9	31.27	0.56	0.84	0.00	0.00	37.63	40.99	31.27	19.20	16.30	####	####	38.22	38.83
6 to 10	37.59	0.55	0.84	0.00	0.00	36.45	39.54	37.59	22.68	19.60	####	####	44.51	45.03
6 to 11	68.08	1.00	1.74	0.00	0.00	32.72	35.32	68.08	74.89	73.67	####	####	72.36	72.34

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6043-077			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.01	0.38	0.60			6.34	4.21	0.01	0.00	0.00	####	####	0.00	0.00
+150 M	0.01	0.38	0.60			6.34	4.21	0.01	0.00	0.00	####	####	0.00	0.00
+200 M	0.06	0.38	0.60			6.34	4.21	0.06	0.02	0.02	####	####	0.01	0.01
+270 M	0.39	0.38	0.60			6.34	4.21	0.39	0.13	0.12	####	####	0.09	0.06
+400 M	3.34	0.38	0.60			6.34	4.21	3.34	1.14	1.05	####	####	0.75	0.48
-400 M	96.19	1.14	1.96			29.20	30.28	96.19	98.70	98.30	####	####	99.15	99.45
+#1 Conc	1.00	0.52	1.04			28.90	30.70	1.00	0.47	0.55	####	####	1.02	1.05
+#2 C	0.87	0.52	1.04			28.90	30.70	0.87	0.41	0.47	####	####	0.89	0.91
+#3 C	7.49	0.52	1.04			28.90	30.70	7.49	3.51	4.08	####	####	7.64	7.85
+#4 C	16.85	0.46	0.68			31.46	30.70	16.85	6.98	6.00	####	####	18.71	17.66
+#5 C	11.36	0.48	1.02			31.18	31.96	11.36	4.91	6.07	####	####	12.50	12.40
-#5 C	58.62	1.56	2.66	0.00	0.00	28.21	29.77	58.62	82.43	81.62	####	####	58.38	59.58
Head (Asy)		1.12	2.22			28.34	29.31							
Head (Calc)	100.00	1.11	1.91	0.00	0.00	28.33	29.29	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.01	0.38	0.60	0.00	0.00	6.34	4.21	0.01	0.00	0.00	####	####	0.00	0.00
1 to 2	0.02	0.38	0.60	0.00	0.00	6.34	4.21	0.02	0.01	0.01	####	####	0.00	0.00
1 to 3	0.08	0.38	0.60	0.00	0.00	6.34	4.21	0.08	0.03	0.03	####	####	0.02	0.01
1 to 4	0.47	0.38	0.60	0.00	0.00	6.34	4.21	0.47	0.16	0.15	####	####	0.11	0.07
1 to 5	3.81	0.38	0.60	0.00	0.00	6.34	4.21	3.81	1.30	1.20	####	####	0.85	0.55
6 to 6	1.00	0.52	1.04	0.00	0.00	28.90	30.70	1.00	0.47	0.55	####	####	1.02	1.05
6 to 7	1.87	0.52	1.04	0.00	0.00	28.90	30.70	1.87	0.88	1.02	####	####	1.91	1.96
6 to 8	9.36	0.52	1.04	0.00	0.00	28.90	30.70	9.36	4.38	5.10	####	####	9.55	9.81
6 to 9	26.21	0.48	0.81	0.00	0.00	30.55	30.70	26.21	11.36	11.11	####	####	28.26	27.47
6 to 10	37.57	0.48	0.87	0.00	0.00	30.74	31.08	37.57	16.26	17.18	####	####	40.76	39.87
6 to 11	96.19	1.14	1.96	0.00	0.00	29.20	30.28	96.19	98.70	98.30	####	####	99.15	99.45

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6043-078

		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.18	0.36	0.98			7.74	5.82	5.18	2.61	3.77	####	####	1.25	0.85
+150 M	5.21	0.58	1.54			13.16	10.29	5.21	4.22	5.96	####	####	2.14	1.52
+200 M	9.83	0.74	1.98			22.16	23.70	9.83	10.17	14.46	####	####	6.31	6.54
+270 M	10.54	0.75	1.66			30.16	33.62	10.54	11.20	13.30	####	####	9.94	9.96
+400 M	26.58	0.68	1.32			33.86	38.66	26.58	25.27	26.26	####	####	28.14	28.85
-400 M	42.66	0.78	1.15			38.78	43.66	42.66	46.52	36.76	####	####	51.72	52.29
+#1 Conc	2.52	0.64	0.78			45.38	51.76	2.52	2.26	1.46	####	####	3.58	3.66
+#2 C	11.33	0.66	0.96			43.02	50.30	11.33	10.46	8.02	####	####	15.24	16.00
+#3 C	16.33	0.60	1.00			37.56	42.41	16.33	13.70	12.13	####	####	19.17	19.44
+#4 C	6.30	0.59	0.66			34.24	40.22	6.30	5.11	3.09	####	####	6.74	7.12
+#5 C	1.38	0.64	0.86			31.40	34.09	1.38	1.23	0.88	####	####	1.25	1.32
-#5 C	4.80	2.05	3.12	0.00	0.00	37.54	35.11	4.80	13.77	11.12	####	####	5.63	4.73
Head (Asy)		0.76	1.26			30.32	37.42							
Head (Calc)	100.00	0.72	1.35	0.00	0.00	31.99	35.62	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.18	0.36	0.98	0.00	0.00	7.74	5.82	5.18	2.61	3.77	####	####	1.25	0.85
1 to 2	10.39	0.47	1.26	0.00	0.00	10.46	8.11	10.39	6.83	9.73	####	####	3.40	2.37
1 to 3	20.22	0.60	1.61	0.00	0.00	16.15	15.69	20.22	17.00	24.19	####	####	10.21	8.91
1 to 4	30.76	0.66	1.62	0.00	0.00	20.95	21.85	30.76	28.20	37.19	####	####	20.14	18.87
1 to 5	57.34	0.67	1.48	0.00	0.00	26.93	29.44	57.34	53.48	63.24	####	####	48.28	47.72
6 to 6	2.52	0.64	0.78	0.00	0.00	45.38	51.76	2.52	2.26	1.46	####	####	3.58	3.66
6 to 7	13.85	0.66	0.93	0.00	0.00	43.45	50.57	13.85	12.71	9.54	####	####	18.81	19.66
6 to 8	30.18	0.63	0.97	0.00	0.00	40.26	46.15	30.18	26.41	21.67	####	####	37.99	39.10
6 to 9	36.48	0.62	0.91	0.00	0.00	39.22	45.15	36.48	31.52	24.76	####	####	44.73	46.22
6 to 10	37.86	0.62	0.91	0.00	0.00	38.94	44.74	37.86	32.75	25.64	####	####	46.09	47.55
6 to 11	42.66	0.78	1.16	0.00	0.00	38.78	43.66	42.66	46.52	36.76	####	####	51.72	52.28

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6043-079			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.60	0.48	1.02			7.18	4.57	2.60	1.50	1.89	####	####	0.57	0.34
+150 M	2.80	0.60	1.36			11.58	9.57	2.80	2.02	2.71	####	####	0.99	0.78
+200 M	5.23	0.68	1.58			20.42	22.66	5.23	4.27	5.88	####	####	3.26	3.43
+270 M	6.65	0.72	1.36			28.04	34.51	6.65	5.75	6.42	####	####	5.69	6.65
+400 M	14.76	0.64	0.92			35.36	37.42	14.76	11.35	9.65	####	####	15.93	15.99
-400 M	67.96	0.92	1.52			35.46	37.00	67.96	75.11	73.45	####	####	73.56	72.81
+#1 Conc	2.83	0.58	0.82			46.42	51.35	2.83	1.97	1.65	####	####	4.01	4.21
+#2 C	8.13	0.54	0.92			43.20	51.81	8.13	5.27	5.32	####	####	10.72	12.20
+#3 C	12.68	0.48	0.60			37.82	41.16	12.68	7.31	5.41	####	####	14.64	15.11
+#4 C	10.53	0.46	0.70			35.24	36.26	10.53	5.82	5.24	####	####	11.33	11.06
+#5 C	6.31	0.48	0.93			33.60	21.13	6.31	3.47	4.19	####	####	6.16	5.43
-#5 C	27.79	1.54	2.61	0.00	0.00	31.49	30.34	27.79	51.27	51.64	####	####	26.70	24.41
Head (Asy)		0.84	1.22			31.70	34.41							
Head (Calc)	100.00	0.83	1.41	0.00	0.00	32.76	34.54	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.60	0.48	1.02	0.00	0.00	7.18	4.57	2.60	1.50	1.89	####	####	0.57	0.34
1 to 2	5.40	0.54	1.20	0.00	0.00	9.46	7.16	5.40	3.52	4.59	####	####	1.56	1.12
1 to 3	10.63	0.61	1.39	0.00	0.00	14.85	14.79	10.63	7.79	10.47	####	####	4.82	4.55
1 to 4	17.28	0.65	1.38	0.00	0.00	19.93	22.28	17.28	13.54	16.90	####	####	10.51	11.20
1 to 5	32.04	0.65	1.17	0.00	0.00	27.04	29.31	32.04	24.89	26.55	####	####	26.44	27.19
6 to 6	2.83	0.58	0.82	0.00	0.00	46.42	51.35	2.83	1.97	1.65	####	####	4.01	4.21
6 to 7	10.96	0.55	0.89	0.00	0.00	44.03	51.69	10.96	7.25	6.97	####	####	14.73	16.40
6 to 8	23.64	0.51	0.74	0.00	0.00	40.70	46.04	23.64	14.56	12.38	####	####	29.37	31.52
6 to 9	34.17	0.50	0.73	0.00	0.00	39.02	43.03	34.17	20.38	17.62	####	####	40.69	42.57
6 to 10	40.48	0.49	0.76	0.00	0.00	38.21	41.26	40.48	23.84	21.81	####	####	46.85	48.00
6 to 11	67.96	0.92	1.52	0.00	0.00	35.46	37.00	67.96	75.11	73.45	####	####	73.56	72.81

B.M.+S.--Metallurgical Laboratory Report

6043-005				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.08	0.36	0.62			5.28	2.96	0.08	0.03	0.03	####	####	0.01	0.01
+150 M	0.33	0.36	0.62			5.28	2.96	0.33	0.13	0.14	####	####	0.06	0.03
+200 M	2.31	0.36	0.62			5.28	2.96	2.31	0.94	0.99	####	####	0.39	0.21
+270 M	2.85	0.42	0.84			8.22	8.72	2.85	1.35	1.65	####	####	0.75	0.76
+400 M	9.59	0.54	1.08			22.73	21.83	9.59	5.83	7.14	####	####	6.99	6.39
-400 M	84.84	0.96	1.54			33.63	35.76	84.84	91.72	90.05	####	####	91.79	92.61
+#1 Conc	1.63	0.68	0.84			43.32	48.47	1.63	1.25	0.94	####	####	2.27	2.41
+#2 C	7.16	0.54	1.03			46.28	50.52	7.16	4.35	4.93	####	####	10.60	11.04
+#3 C	14.12	0.46	0.82			37.14	42.55	14.12	7.31	7.98	####	####	16.85	18.34
+#4 C	14.03	0.44	0.86			32.06	33.28	14.03	6.95	8.32	####	####	14.45	14.51
+#5 C	8.19	0.46	0.70			31.68	31.03	8.19	4.24	3.95	####	####	8.33	7.77
-#5 C	39.71	1.51	2.24	0.00	0.00	30.80	31.79	39.71	67.61	62.92	####	####	39.29	38.54
Head (Asy)		0.92	1.46			30.42	22.44							
Head (Calc)	100.00	0.89	1.45	0.00	0.00	31.13	32.76	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.08	0.36	0.62	0.00	0.00	5.28	2.96	0.08	0.03	0.03	####	####	0.01	0.01
1 to 2	0.41	0.36	0.62	0.00	0.00	5.28	2.96	0.41	0.17	0.18	####	####	0.07	0.04
1 to 3	2.72	0.36	0.62	0.00	0.00	5.28	2.96	2.72	1.10	1.16	####	####	0.46	0.25
1 to 4	5.57	0.39	0.73	0.00	0.00	6.73	5.91	5.57	2.45	2.81	####	####	1.21	1.00
1 to 5	15.16	0.49	0.95	0.00	0.00	16.35	15.93	15.16	8.28	9.95	####	####	8.21	7.39
6 to 6	1.63	0.68	0.84	0.00	0.00	43.32	48.47	1.63	1.25	0.94	####	####	2.27	2.41
6 to 7	8.79	0.57	0.97	0.00	0.00	45.57	50.14	8.79	5.60	5.88	####	####	12.87	13.45
6 to 8	22.91	0.53	0.93	0.00	0.00	40.37	45.46	22.91	12.92	13.86	####	####	29.71	31.79
6 to 9	36.94	0.48	0.87	0.00	0.00	37.22	41.03	36.94	19.87	22.17	####	####	44.16	46.30
6 to 10	45.13	0.47	0.84	0.00	0.00	36.21	39.25	45.13	24.11	26.13	####	####	52.50	54.37
6 to 11	84.84	0.76	1.54	0.00	0.00	33.63	35.76	84.84	91.72	90.35	####	####	91.79	92.61

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6043-001				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	8.35	0.42	0.78			6.80	4.46	8.35	4.81	5.18	####	####	1.58	0.97
+150 M	8.60	0.60	1.20			11.24	9.07	8.60	7.07	8.21	####	####	2.70	2.02
+200 M	12.84	0.86	1.62			26.50	28.30	12.84	15.13	16.55	####	####	9.50	9.43
+270 M	16.28	0.86	1.59			41.54	46.15	16.28	19.19	20.46	####	####	18.87	19.50
+400 M	32.29	0.72	1.14			46.14	49.89	32.29	31.86	29.25	####	####	41.59	41.81
-400 M	21.64	0.74	1.18			42.68	46.77	21.64	21.94	20.31	####	####	25.77	26.27
+#1 Conc	3.85	0.56	0.60			46.54	50.56	3.85	2.95	1.84	####	####	5.00	5.05
+#2 C	9.54	0.60	0.84			47.59	50.97	9.54	7.84	6.38	####	####	12.67	12.62
+#3 C	4.45	0.70	1.10			40.26	45.73	4.45	4.27	3.89	####	####	5.00	5.28
+#4 C	1.62	0.70	1.44			33.66	38.46	1.62	1.55	1.86	####	####	1.52	1.62
+#5 C	0.52	0.74	1.36			30.92	32.43	0.52	0.53	0.56	####	####	0.45	0.44
-#5 C	1.66	2.11	4.39	0.00	0.00	24.54	29.23	1.66	4.80	5.79	####	####	1.14	1.26
Head (Assy)		0.86	1.48			34.00	39.50							
Head (Calc)	100.00	0.73	1.26	0.00	0.00	35.53	38.53	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	8.35	0.42	0.78	0.00	0.00	6.80	4.46	8.35	4.81	5.18	####	####	1.58	0.97
1 to 2	16.95	0.51	0.99	0.00	0.00	9.05	6.80	16.95	11.88	13.39	####	####	4.28	2.99
1 to 3	29.79	0.66	1.26	0.00	0.00	16.57	16.07	29.79	27.01	29.94	####	####	13.78	12.42
1 to 4	46.07	0.73	1.38	0.00	0.00	25.40	26.70	46.07	46.20	50.40	####	####	32.65	31.92
1 to 5	78.36	0.73	1.28	0.00	0.00	33.94	36.25	78.36	78.06	79.69	####	####	74.23	73.73
6 to 6	3.85	0.56	0.60	0.00	0.00	46.54	50.56	3.85	2.95	1.84	####	####	5.00	5.05
6 to 7	13.39	0.59	0.77	0.00	0.00	47.28	50.85	13.39	10.80	8.21	####	####	17.67	17.67
6 to 8	17.84	0.62	0.85	0.00	0.00	45.53	49.57	17.84	15.07	12.11	####	####	22.67	22.95
6 to 9	19.46	0.62	0.90	0.00	0.00	44.54	48.65	19.46	16.62	13.96	####	####	24.19	24.57
6 to 10	19.98	0.63	0.91	0.00	0.00	44.19	48.23	19.98	17.15	14.53	####	####	24.64	25.01
6 to 11	21.64	0.74	1.18	0.00	0.00	42.68	46.77	21.64	21.94	20.31	####	####	25.77	26.27

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4043-002

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.46	0.59	1.62			7.48	5.32	2.46	1.66	2.71	####	####	0.59	0.41
+150 M	2.70	0.82	2.34			11.64	8.73	2.70	2.58	3.74	####	####	1.00	0.68
+200 M	5.27	0.78	2.36			20.42	21.28	5.27	4.79	7.37	####	####	3.43	3.22
+270 M	6.23	0.80	1.70			30.32	32.75	6.23	5.31	7.19	####	####	5.96	5.93
+400 M	16.69	0.70	1.30			33.42	37.56	16.69	13.63	14.73	####	####	17.73	18.12
-400 M	66.65	0.92	1.42			33.54	37.19	66.65	71.52	64.26	####	####	71.24	71.65
+#1 Conc	2.08	0.58	0.84			43.36	49.96	2.08	1.41	1.19	####	####	2.85	3.00
+#2 C	7.50	0.54	0.90			43.96	49.96	7.50	4.72	4.58	####	####	10.51	10.83
+#3 C	12.31	0.46	0.72			35.90	40.33	12.31	6.60	6.02	####	####	14.03	14.35
+#4 C	10.57	0.42	0.66			31.34	34.62	10.57	5.18	4.74	####	####	10.56	10.57
+#5 C	6.16	0.46	0.93			29.42	32.19	6.16	3.31	3.76	####	####	5.32	5.73
-#5 C	28.03	1.54	2.31	0.00	0.00	30.73	33.53	28.03	50.30	43.97	####	####	27.43	27.16
Head (Asy)		0.84	1.29			29.08	33.67							
Head (Calc)	100.00	0.86	1.47	0.00	0.00	31.32	34.57	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.46	0.59	1.62	0.00	0.00	7.48	5.32	2.46	1.66	2.71	####	####	0.59	0.41
1 to 2	5.16	0.71	1.84	0.00	0.00	9.66	7.34	5.16	4.25	6.45	####	####	1.59	1.09
1 to 3	10.43	0.74	1.95	0.00	0.00	15.10	14.34	10.43	9.04	13.82	####	####	5.02	4.33
1 to 4	16.66	0.76	1.86	0.00	0.00	20.69	21.22	16.66	14.85	21.01	####	####	10.98	10.22
1 to 5	33.35	0.73	1.58	0.00	0.00	27.05	29.40	33.35	28.48	35.74	####	####	28.76	28.35
6 to 6	2.08	0.58	0.84	0.00	0.00	43.36	49.96	2.08	1.41	1.19	####	####	2.85	3.00
6 to 7	9.58	0.55	0.89	0.00	0.00	43.76	49.96	9.58	6.13	5.77	####	####	13.36	13.84
6 to 8	21.89	0.50	0.79	0.00	0.00	39.34	44.54	21.89	12.74	11.79	####	####	27.45	28.19
6 to 9	32.46	0.47	0.75	0.00	0.00	36.74	41.31	32.46	17.91	16.52	####	####	38.00	38.76
6 to 10	38.62	0.47	0.77	0.00	0.00	35.60	39.85	38.62	21.22	20.29	####	####	43.32	44.49
6 to 11	66.65	0.92	1.42	0.00	0.00	33.54	37.19	66.65	71.52	64.26	####	####	71.24	71.65

B.M.+S.--Metallurgical Laboratory Report

6043-003				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.14	0.54	1.00			6.64	3.89	0.14	0.07	0.08	####	####	0.03	0.02
+150 M	0.53	0.54	1.00			6.64	3.89	0.53	0.28	0.32	####	####	0.12	0.06
+200 M	2.35	0.48	1.02			6.04	3.70	2.35	1.10	1.43	####	####	0.48	0.26
+270 M	2.92	0.52	0.98			9.24	7.41	2.92	1.47	1.71	####	####	0.91	0.65
+400 M	8.32	0.68	1.29			21.04	24.05	8.32	5.49	6.36	####	####	6.09	6.04
-400 M	85.74	1.10	1.76			32.12	35.89	85.74	91.58	90.10	####	####	92.37	92.96
+#1 Conc	2.54	0.74	1.22			42.16	49.21	2.54	1.83	1.85	####	####	3.59	3.78
+#2 C	8.54	0.68	1.29			43.68	50.32	8.54	5.64	6.53	####	####	12.51	12.98
+#3 C	15.35	0.59	1.34			34.92	38.48	15.35	8.94	12.28	####	####	17.98	17.84
+#4 C	13.65	0.48	1.16			31.74	35.15	13.65	6.36	9.45	####	####	14.54	14.49
+#5 C	8.03	0.50	1.02			30.83	32.56	8.03	3.90	4.89	####	####	8.32	7.90
-#5 C	37.63	1.73	2.45	0.00	0.00	23.07	31.64	37.63	64.92	55.10	####	####	35.43	35.97
Head (Asy)		0.96	1.24			29.54	33.30							
Head (Calc)	100.00	1.03	1.67	0.00	0.00	29.32	33.10	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.14	0.54	1.00	0.00	0.00	6.64	3.89	0.14	0.07	0.08	####	####	0.03	0.02
1 to 2	0.67	0.54	1.00	0.00	0.00	6.64	3.89	0.67	0.35	0.40	####	####	0.15	0.08
1 to 3	3.02	0.49	1.02	0.00	0.00	6.17	3.74	3.02	1.45	1.83	####	####	0.63	0.34
1 to 4	5.94	0.51	1.00	0.00	0.00	7.73	5.55	5.94	2.92	3.54	####	####	1.54	1.00
1 to 5	14.26	0.61	1.16	0.00	0.00	15.76	16.34	14.26	8.42	9.90	####	####	7.63	7.04
6 to 6	2.54	0.74	1.22	0.00	0.00	42.16	49.21	2.54	1.83	1.85	####	####	3.59	3.78
6 to 7	11.08	0.69	1.27	0.00	0.00	43.33	50.07	11.08	7.46	8.38	####	####	16.10	16.76
6 to 8	26.43	0.64	1.31	0.00	0.00	38.45	42.34	26.43	16.41	20.66	####	####	34.08	34.60
6 to 9	40.08	0.59	1.26	0.00	0.00	36.17	40.55	40.08	22.77	30.11	####	####	48.62	49.10
6 to 10	48.11	0.57	1.22	0.00	0.00	35.29	37.22	48.11	26.67	35.00	####	####	56.94	56.99
6 to 11	85.74	1.10	1.76	0.00	0.00	32.12	35.89	85.74	91.58	90.10	####	####	92.37	92.96

B.M.+S.--Metallurgical Laboratory Report

4043-084

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	9.02	0.48	1.00			6.60	4.26	9.02	5.73	6.30	####	####	1.74	1.01
+150 M	8.78	0.68	1.54			11.18	9.42	8.78	7.90	9.45	####	####	2.87	2.21
+200 M	13.17	0.88	2.12			25.46	28.40	13.17	15.33	19.51	####	####	9.80	9.78
+270 M	16.42	0.90	1.86			39.70	44.85	16.42	19.55	21.35	####	####	19.06	19.27
+400 M	31.39	0.74	1.18			43.92	50.45	31.39	30.73	25.39	####	####	40.32	41.43
-400 M	21.22	0.74	1.18			42.40	47.39	21.22	20.77	17.50	####	####	26.31	26.31
+#1 Conc	3.79	0.56	0.88			47.02	50.30	3.79	2.31	2.33	####	####	5.21	4.99
+#2 C	9.19	0.60	1.12			44.52	47.39	9.19	7.29	7.19	####	####	11.96	11.99
+#3 C	4.51	0.60	1.16			40.40	45.31	4.51	3.59	3.66	####	####	5.33	5.35
+#4 C	1.68	0.60	1.10			34.54	38.67	1.68	1.33	1.29	####	####	1.70	1.70
+#5 C	0.53	0.69	0.60			30.60	31.18	0.53	0.48	0.22	####	####	0.47	0.43
-#5 C	1.52	2.63	2.64	0.00	0.00	36.80	46.48	1.52	5.28	2.81	####	####	1.64	1.85
Head (Asy)		0.78	1.58			35.39	40.33							
Head (Calc)	100.00	0.76	1.43	0.00	0.00	34.20	39.23	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	9.02	0.48	1.00	0.00	0.00	6.60	4.26	9.02	5.73	6.30	####	####	1.74	1.01
1 to 2	17.80	0.58	1.27	0.00	0.00	8.86	6.80	17.80	13.62	15.75	####	####	4.61	3.21
1 to 3	30.97	0.71	1.63	0.00	0.00	15.92	16.65	30.97	28.95	35.27	####	####	14.41	13.00
1 to 4	47.39	0.77	1.71	0.00	0.00	24.16	26.03	47.39	48.50	56.61	####	####	33.47	32.26
1 to 5	78.78	0.76	1.50	0.00	0.00	31.99	35.76	78.78	79.23	82.50	####	####	73.69	73.69
6 to 6	3.79	0.56	0.88	0.00	0.00	47.02	50.30	3.79	2.31	2.33	####	####	5.21	4.97
6 to 7	12.98	0.59	1.05	0.00	0.00	45.25	50.01	12.98	10.10	9.52	####	####	17.17	16.79
6 to 8	17.49	0.59	1.08	0.00	0.00	44.00	48.80	17.49	13.69	13.18	####	####	22.50	22.33
6 to 9	19.17	0.59	1.08	0.00	0.00	43.17	47.91	19.17	15.01	14.47	####	####	24.20	24.13
6 to 10	19.70	0.59	1.07	0.00	0.00	42.83	47.46	19.70	15.49	14.69	####	####	24.67	24.46
6 to 11	21.22	0.74	1.18	0.00	0.00	42.40	47.39	21.22	20.77	17.50	####	####	26.31	26.31

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6043-085				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.90	0.48	0.92			10.96	12.70	1.90	1.35	1.05	####	####	0.61	0.64
+150 M	2.43	0.56	0.98			14.58	13.34	2.43	2.02	1.43	####	####	1.04	0.86
+200 M	4.87	0.54	2.20			23.24	26.24	4.87	3.90	6.46	####	####	3.33	3.39
+270 M	5.99	0.56	3.00			30.70	34.85	5.99	4.98	10.83	####	####	5.40	5.54
+400 M	15.87	0.60	1.44			34.76	42.59	15.87	14.12	13.77	####	####	16.21	17.94
-400 M	68.94	0.72	1.60			36.24	39.15	68.94	73.63	66.46	####	####	73.41	71.63
+#1 Conc	2.09	1.04	0.82			43.18	50.06	2.09	3.22	1.03	####	####	2.65	2.78
+#2 C	7.88	0.66	0.95			38.76	49.48	7.88	7.71	4.51	####	####	8.97	10.35
+#3 C	12.85	0.76	1.08			35.24	38.72	12.85	14.49	8.36	####	####	13.31	13.20
+#4 C	10.99	0.74	1.25			32.30	33.99	10.99	12.06	8.38	####	####	10.43	9.91
+#5 C	6.36	0.60	1.02			32.48	37.03	6.36	5.66	3.91	####	####	6.07	6.25
-#5 C	28.77	0.71	2.33	0.00	0.00	37.83	38.16	28.77	30.48	40.37	####	####	31.98	29.14
Head (Asy)		0.64	1.56			32.88	36.95							
Head (Calc)	100.00	0.67	1.66	0.00	0.00	34.03	37.68	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.90	0.48	0.92	0.00	0.00	10.96	12.70	1.90	1.35	1.05	####	####	0.61	0.64
1 to 2	4.33	0.52	0.95	0.00	0.00	12.99	13.06	4.33	3.37	2.49	####	####	1.65	1.50
1 to 3	9.20	0.53	1.61	0.00	0.00	18.42	20.04	9.20	7.27	8.94	####	####	4.98	4.89
1 to 4	15.19	0.54	2.16	0.00	0.00	23.26	25.88	15.19	12.25	19.77	####	####	10.38	10.43
1 to 5	31.06	0.57	1.79	0.00	0.00	29.14	34.42	31.06	26.37	33.54	####	####	26.59	28.37
6 to 6	2.09	1.04	0.82	0.00	0.00	43.18	50.06	2.09	3.22	1.03	####	####	2.65	2.78
6 to 7	9.97	0.74	0.92	0.00	0.00	39.69	49.60	9.97	10.94	5.54	####	####	11.63	13.12
6 to 8	22.82	0.75	1.01	0.00	0.00	37.18	43.47	22.82	25.42	13.90	####	####	24.93	26.33
6 to 9	33.81	0.75	1.09	0.00	0.00	35.60	40.39	33.81	37.49	22.18	####	####	35.36	36.24
6 to 10	40.17	0.72	1.08	0.00	0.00	35.10	39.86	40.17	43.15	26.09	####	####	41.43	42.49
6 to 11	68.94	0.72	1.60	0.00	0.00	36.24	39.15	68.94	73.63	66.46	####	####	73.41	71.63

B.M.+S.--Metallurgical Laboratory Report

6943-086				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.05	0.56	0.96			15.14	11.62	0.05	0.03	0.03	####	####	0.02	0.02
+150 M	0.20	0.56	0.96			15.14	11.62	0.20	0.10	0.13	####	####	0.09	0.07
+200 M	1.34	0.56	0.96			15.14	11.62	1.34	0.69	0.86	####	####	0.58	0.47
+270 M	2.45	0.46	0.52			11.82	8.17	2.45	1.04	0.85	####	####	0.83	0.61
+400 M	5.43	0.54	0.98			14.94	9.04	5.43	2.71	3.56	####	####	2.33	1.49
-400 M	90.53	1.14	1.56			36.98	35.51	90.53	95.42	94.56	####	####	96.15	97.35
+#1 Conc	0.99	0.64	1.78			44.97	47.47	0.99	0.59	1.19	####	####	1.28	1.42
+#2 C	3.57	0.64	1.78			44.97	47.47	3.57	2.11	4.25	####	####	4.61	5.13
+#3 C	16.20	0.54	1.18			38.78	41.11	16.20	8.09	12.80	####	####	18.04	20.17
+#4 C	16.30	0.56	0.98			36.52	38.12	16.30	8.44	10.70	####	####	17.10	18.82
+#5 C	9.61	0.56	0.70			35.10	32.39	9.61	4.98	4.50	####	####	9.69	9.57
-#5 C	43.86	1.76	2.03	0.00	0.00	36.07	31.80	43.86	71.22	61.13	####	####	45.43	42.24
Head (Asy)		1.12	1.70			33.23	33.64							
Head (Calc)	100.00	1.08	1.49	0.00	0.00	34.82	33.02	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.05	0.56	0.96	0.00	0.00	15.14	11.62	0.05	0.03	0.03	####	####	0.02	0.02
1 to 2	0.25	0.56	0.96	0.00	0.00	15.14	11.62	0.25	0.13	0.16	####	####	0.11	0.09
1 to 3	1.59	0.56	0.96	0.00	0.00	15.14	11.62	1.59	0.82	1.02	####	####	0.69	0.56
1 to 4	4.04	0.50	0.69	0.00	0.00	13.13	9.53	4.04	1.87	1.88	####	####	1.52	1.17
1 to 5	9.47	0.52	0.86	0.00	0.00	14.17	9.25	9.47	4.58	5.44	####	####	3.85	2.65
6 to 6	0.99	0.64	1.78	0.00	0.00	44.97	47.47	0.99	0.59	1.19	####	####	1.28	1.42
6 to 7	4.56	0.64	1.78	0.00	0.00	44.97	47.47	4.56	2.70	5.43	####	####	5.89	6.55
6 to 8	20.76	0.56	1.31	0.00	0.00	40.14	42.51	20.76	10.79	18.23	####	####	23.93	26.72
6 to 9	37.06	0.56	1.17	0.00	0.00	38.55	40.53	37.06	19.23	28.93	####	####	41.03	45.54
6 to 10	46.67	0.56	1.07	0.00	0.00	37.84	38.99	46.67	24.20	33.43	####	####	50.72	55.11
6 to 11	90.53	1.14	1.56	0.00	0.00	36.98	35.51	90.53	95.42	94.56	####	####	96.15	97.35

B.M.+S.--Metallurgical Laboratory Report

6043-087				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.99	0.52	1.08			17.64	11.96	5.99	3.97	3.30	####	####	2.72	1.80
+150 M	6.19	0.68	1.70			18.36	13.46	6.19	5.37	5.36	####	####	2.73	2.10
+200 M	11.82	0.84	2.92			28.92	27.84	11.82	12.67	17.59	####	####	8.31	8.29
+270 M	12.79	0.88	2.82			39.36	42.79	12.79	14.36	18.38	####	####	12.98	13.78
+400 M	32.49	0.76	2.04			43.98	45.03	32.49	31.58	33.77	####	####	36.33	36.84
-400 M	30.72	0.82	1.38			45.12	48.09	30.72	32.13	21.60	####	####	35.73	37.20
+#1 Conc	2.31	0.58	0.90			47.60	50.08	2.31	2.08	1.29	####	####	3.45	3.54
+#2 C	14.94	0.62	1.23			47.04	50.50	14.94	11.82	9.74	####	####	18.11	17.00
+#3 C	8.54	0.74	1.46			45.28	48.59	8.54	8.06	6.35	####	####	9.97	10.45
+#4 C	2.57	0.88	1.10			39.56	39.99	2.57	2.32	1.16	####	####	2.11	2.03
+#5 C	0.61	1.00	1.52			38.92	34.94	0.61	0.78	0.47	####	####	0.61	0.54
-#5 C	1.75	3.17	2.90	0.00	0.00	32.73	36.04	1.75	7.09	2.59	####	####	1.43	1.59
Head (Asy)		0.84	1.96			38.76	37.75							
Head (Calc)	100.00	0.78	1.96	0.00	0.00	38.30	39.72	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.99	0.52	1.08	0.00	0.00	17.64	11.96	5.99	3.97	3.30	####	####	2.72	1.80
1 to 2	12.18	0.60	1.40	0.00	0.00	18.01	12.72	12.18	9.34	8.66	####	####	5.45	3.90
1 to 3	24.00	0.72	2.15	0.00	0.00	23.38	20.17	24.00	22.01	26.25	####	####	14.46	12.19
1 to 4	36.79	0.77	2.39	0.00	0.00	29.94	28.03	36.79	36.37	44.62	####	####	27.44	25.97
1 to 5	69.28	0.77	2.22	0.00	0.00	35.99	36.30	69.28	67.87	78.40	####	####	64.27	62.20
6 to 6	2.31	0.58	0.90	0.00	0.00	47.60	50.08	2.31	2.08	1.29	####	####	3.45	3.54
6 to 7	17.25	0.61	1.22	0.00	0.00	47.13	50.43	17.25	13.90	11.03	####	####	21.56	22.54
6 to 8	25.79	0.65	1.30	0.00	0.00	46.53	49.83	25.79	21.96	17.39	####	####	31.53	32.99
6 to 9	28.36	0.67	1.28	0.00	0.00	46.02	49.12	28.36	24.28	18.55	####	####	33.64	35.37
6 to 10	28.97	0.68	1.29	0.00	0.00	45.97	48.82	28.97	25.06	19.02	####	####	34.25	35.91
6 to 11	30.72	0.82	1.38	0.00	0.00	45.12	48.09	30.72	32.13	21.60	####	####	35.73	37.20

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6843-000				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.99	0.42	1.22			10.56	3.74	1.99	0.88	1.54	####	####	0.58	0.20
+150 M	2.28	0.62	1.98			16.56	11.21	2.28	1.48	2.86	####	####	1.04	0.70
+200 M	5.12	0.78	2.74			25.76	24.67	5.12	4.18	8.37	####	####	3.64	3.44
+270 M	6.41	0.78	2.44			33.70	35.13	6.41	5.24	9.89	####	####	5.96	6.13
+400 M	14.67	0.72	1.74			37.96	39.99	14.67	11.06	16.65	####	####	15.37	15.97
-400 M	69.53	1.06	1.39			38.24	38.87	69.53	77.17	60.69	####	####	73.40	73.57
+#1 Conc	3.40	0.60	1.18			47.70	50.09	3.40	2.14	2.54	####	####	4.48	4.64
+#2 C	8.73	0.60	1.30			47.86	51.63	8.73	5.48	7.18	####	####	11.83	12.27
+#3 C	12.83	0.54	1.02			38.64	41.73	12.83	7.25	8.28	####	####	13.39	14.57
+#4 C	10.70	0.50	0.96			36.56	34.42	10.70	5.60	6.50	####	####	10.83	10.02
+#5 C	6.02	0.53	0.59			34.86	33.99	6.02	3.15	2.21	####	####	5.79	5.57
-#5 C	27.85	1.84	1.93	0.00	0.00	35.25	34.75	27.85	53.54	33.99	####	####	27.10	26.49
Head (Asy)		0.94	1.72			35.30	37.00							
Head (Calc)	100.00	0.96	1.58	0.00	0.00	36.22	36.74	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.99	0.42	1.22	0.00	0.00	10.56	3.74	1.99	0.88	1.54	####	####	0.58	0.20
1 to 2	4.27	0.53	1.63	0.00	0.00	13.76	7.73	4.27	2.36	4.39	####	####	1.62	0.90
1 to 3	9.39	0.66	2.23	0.00	0.00	20.30	16.97	9.39	6.54	12.76	####	####	5.26	4.34
1 to 4	15.80	0.71	2.32	0.00	0.00	25.74	24.34	15.80	11.77	22.65	####	####	11.23	10.47
1 to 5	30.47	0.72	2.04	0.00	0.00	31.62	31.37	30.47	22.83	39.31	####	####	26.60	26.43
6 to 6	3.40	0.60	1.18	0.00	0.00	47.70	50.09	3.40	2.14	2.54	####	####	4.48	4.64
6 to 7	12.13	0.60	1.27	0.00	0.00	47.82	51.20	12.13	7.62	9.72	####	####	16.31	16.90
6 to 8	24.96	0.57	1.14	0.00	0.00	43.10	46.33	24.96	14.87	17.99	####	####	29.70	31.43
6 to 9	35.66	0.55	1.09	0.00	0.00	41.14	42.76	35.66	20.48	24.49	####	####	40.53	41.50
6 to 10	41.68	0.54	1.01	0.00	0.00	40.24	41.49	41.68	23.63	26.70	####	####	46.30	47.07
6 to 11	69.53	1.06	1.38	0.00	0.00	38.24	38.37	69.53	77.17	60.69	####	####	73.40	73.57

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6043-089				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	0.48	0.80			15.12	9.25	0.04	0.02	0.02	####	####	0.02	0.01
+150 M	0.06	0.48	0.80			15.12	9.25	0.06	0.03	0.03	####	####	0.03	0.02
+200 M	1.03	0.48	0.80			15.12	9.25	1.03	0.52	0.50	####	####	0.46	0.29
+270 M	1.97	0.34	0.70			9.99	6.88	1.97	0.71	0.84	####	####	0.58	0.41
+400 M	5.98	0.44	1.16			13.66	7.74	5.98	2.78	4.24	####	####	2.42	1.41
-400 M	90.92	1.00	1.70			35.78	35.29	90.92	95.94	94.37	####	####	96.49	97.86
+#1 Conc	0.63	0.44	1.96			44.80	47.76	0.63	0.29	0.75	####	####	0.84	0.92
+#2 C	2.81	0.44	1.96			44.80	47.76	2.81	1.30	3.36	####	####	3.73	4.09
+#3 C	15.05	0.36	1.18			38.50	43.02	15.05	5.72	10.84	####	####	17.19	19.75
+#4 C	16.64	0.34	1.00			36.25	35.76	16.64	5.97	10.16	####	####	17.90	18.15
+#5 C	9.90	0.36	0.96			33.99	32.22	9.90	3.76	5.80	####	####	9.98	9.73
-#5 C	45.89	1.63	2.26	0.00	0.00	34.43	32.29	45.89	78.90	63.45	####	####	46.86	45.21
Head (Asy)		0.96	1.64			33.46	31.39							
Head (Calc)	100.00	0.95	1.64	0.00	0.00	33.72	32.78	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	0.48	0.80	0.00	0.00	15.12	9.25	0.04	0.02	0.02	####	####	0.02	0.01
1 to 2	0.10	0.48	0.80	0.00	0.00	15.12	9.25	0.10	0.05	0.05	####	####	0.04	0.03
1 to 3	1.13	0.48	0.80	0.00	0.00	15.12	9.25	1.13	0.57	0.55	####	####	0.51	0.32
1 to 4	3.10	0.39	0.74	0.00	0.00	11.86	7.74	3.10	1.28	1.39	####	####	1.09	0.73
1 to 5	9.08	0.42	1.02	0.00	0.00	13.04	7.74	9.08	4.06	5.63	####	####	3.51	2.14
6 to 6	0.63	0.44	1.96	0.00	0.00	44.80	47.76	0.63	0.29	0.75	####	####	0.84	0.92
6 to 7	3.44	0.44	1.96	0.00	0.00	44.80	47.76	3.44	1.60	4.12	####	####	4.57	5.01
6 to 8	18.49	0.37	1.33	0.00	0.00	39.67	43.90	18.49	7.31	14.96	####	####	21.76	24.76
6 to 9	35.13	0.36	1.17	0.00	0.00	38.06	40.05	35.13	13.28	25.12	####	####	39.65	42.92
6 to 10	45.03	0.36	1.12	0.00	0.00	37.16	38.32	45.03	17.05	30.92	####	####	49.63	52.65
6 to 11	90.92	1.00	1.70	0.00	0.00	35.78	35.29	90.92	95.94	94.37	####	####	96.49	97.86

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.73	0.42	1.22			13.48	9.15	4.73	2.45	2.40	####	####	1.61	1.10
+150 M	5.69	0.62	2.16			17.92	12.89	5.69	4.35	5.11	####	####	2.58	1.86
+200 M	10.97	0.80	3.26			28.06	25.78	10.97	10.81	14.87	####	####	7.79	7.19
+270 M	13.12	0.88	3.36			37.50	37.91	13.12	14.23	19.23	####	####	13.11	13.31
+400 M	28.86	0.80	2.86			43.96	44.48	28.86	28.45	34.32	####	####	32.39	32.62
-400 M	36.63	0.88	1.64			46.22	47.19	36.63	39.72	24.98	####	####	42.82	42.92
+#1 Conc	2.96	0.68	1.02			48.08	49.76	2.96	2.48	1.26	####	####	3.60	3.74
+#2 C	15.34	0.62	1.56			48.36	48.72	15.34	11.72	9.95	####	####	18.76	18.99
+#3 C	13.84	0.72	1.72			46.02	48.23	13.84	12.29	9.90	####	####	16.11	16.96
+#4 C	2.17	0.90	1.30			40.44	40.33	2.17	2.41	1.17	####	####	2.22	2.22
+#5 C	0.52	0.88	1.23			32.29	32.47	0.52	0.56	0.28	####	####	0.42	0.44
-#5 C	1.80	4.63	3.24	0.00	0.00	37.46	34.16	1.80	10.27	2.42	####	####	1.71	1.56
Head (Asy)		0.86	2.46			38.46	36.63							
Head (Calc)	100.00	0.81	2.41	0.00	0.00	39.54	39.35	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.73	0.42	1.22	0.00	0.00	13.48	9.15	4.73	2.45	2.40	####	####	1.61	1.10
1 to 2	10.42	0.53	1.73	0.00	0.00	15.93	11.19	10.42	6.79	7.31	####	####	4.19	2.96
1 to 3	21.39	0.67	2.52	0.00	0.00	22.14	18.67	21.39	17.61	22.38	####	####	11.98	10.15
1 to 4	34.51	0.75	2.34	0.00	0.00	28.74	26.75	34.51	31.83	40.71	####	####	25.09	23.46
1 to 5	63.37	0.77	2.35	0.00	0.00	35.67	34.62	63.37	60.29	75.02	####	####	57.18	56.09
6 to 6	2.96	0.68	1.02	0.00	0.00	48.08	49.76	2.96	2.48	1.26	####	####	3.60	3.74
6 to 7	18.30	0.63	1.47	0.00	0.00	48.31	48.87	18.30	14.20	11.22	####	####	22.36	22.73
6 to 8	32.14	0.67	1.59	0.00	0.00	47.33	48.60	32.14	26.48	21.10	####	####	38.47	39.70
6 to 9	34.31	0.68	1.56	0.00	0.00	46.89	48.08	34.31	28.88	22.27	####	####	40.69	41.92
6 to 10	34.83	0.69	1.56	0.00	0.00	46.67	47.86	34.83	29.45	22.55	####	####	41.12	42.36
6 to 11	36.63	0.89	1.64	0.00	0.00	46.22	47.19	36.63	39.72	24.98	####	####	42.32	42.92

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6043-091			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.73	0.42	0.98			13.50	7.03	1.73	0.78	1.11	####	####	0.64	0.33
+150 M	2.20	0.60	1.58			17.84	12.40	2.20	1.41	2.27	####	####	1.07	0.75
+200 M	4.79	0.76	2.74			26.26	24.79	4.79	3.89	8.57	####	####	3.44	3.27
+270 M	5.96	0.76	2.00			33.70	34.60	5.96	4.84	7.78	####	####	5.49	5.68
+400 M	15.99	0.70	1.88			38.28	39.22	15.99	11.97	19.62	####	####	16.74	17.26
-400 M	69.33	1.04	1.34			38.30	38.11	69.33	77.11	60.65	####	####	72.62	72.71
+01 Conc	2.50	0.72	0.72			46.14	48.00	2.50	1.92	1.18	####	####	3.15	3.30
+02 C	8.34	0.60	1.20			46.94	51.06	8.34	5.32	6.53	####	####	10.71	11.72
+03 C	13.06	0.54	1.32			41.44	42.19	13.06	7.54	11.25	####	####	14.80	15.16
+04 C	10.86	0.48	0.38			37.22	35.52	10.86	5.57	2.69	####	####	11.05	10.62
+05 C	6.19	0.50	0.36			35.34	33.03	6.19	3.31	1.45	####	####	5.98	5.63
-05 C	28.38	1.76	2.03	0.00	0.00	34.68	33.66	28.38	53.40	37.54	####	####	26.92	26.29
Head (Asy)		0.94	1.75			36.14	36.63							
Head (Calc)	100.00	0.94	1.53	0.00	0.00	36.57	36.34	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.73	0.42	0.98	0.00	0.00	13.50	7.03	1.73	0.78	1.11	####	####	0.64	0.33
1 to 2	3.93	0.52	1.32	0.00	0.00	15.93	10.04	3.93	2.19	3.38	####	####	1.71	1.09
1 to 3	8.72	0.65	2.10	0.00	0.00	21.63	18.14	8.72	6.08	11.94	####	####	5.15	4.35
1 to 4	14.68	0.70	2.06	0.00	0.00	26.52	24.32	14.68	10.93	19.73	####	####	10.64	10.03
1 to 5	30.67	0.70	1.97	0.00	0.00	32.65	32.03	30.67	22.89	39.35	####	####	27.38	27.29
6 to 6	2.50	0.72	0.72	0.00	0.00	46.14	48.00	2.50	1.92	1.18	####	####	3.15	3.30
6 to 7	10.84	0.63	1.09	0.00	0.00	46.76	50.35	10.84	7.28	7.71	####	####	13.86	15.02
6 to 8	23.90	0.58	1.22	0.00	0.00	43.85	45.39	23.90	14.82	18.96	####	####	28.66	30.18
6 to 9	34.76	0.55	0.95	0.00	0.00	41.78	42.65	34.76	20.39	21.66	####	####	39.71	40.80
6 to 10	40.95	0.54	0.86	0.00	0.00	40.81	41.19	40.95	23.70	23.11	####	####	45.70	46.42
6 to 11	69.33	1.04	1.34	0.00	0.00	38.30	38.11	69.33	77.11	60.65	####	####	72.62	72.71

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Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
	Assays							Distribution						
+100 M	0.02	0.62	1.02			16.62	12.95	0.02	0.01	0.01	####	####	0.01	0.01
+150 M	0.13	0.62	1.02			16.62	12.95	0.13	0.08	0.08	####	####	0.07	0.05
+200 M	0.82	0.62	1.02			16.62	12.95	0.82	0.52	0.50	####	####	0.41	0.33
+270 M	1.03	0.42	0.58			10.98	5.18	1.03	0.79	0.64	####	####	0.61	0.30
+400 M	5.56	0.48	0.88			12.96	6.29	5.56	2.74	2.74	####	####	2.19	1.39
-400 M	91.64	1.02	1.74			34.90	34.41	91.64	95.36	95.33	####	####	96.72	98.22
+#1 Conc	1.29	0.58	1.98			40.80	36.26	1.29	0.77	1.54	####	####	1.60	1.46
+#2 C	2.35	0.98	1.82			35.20	46.62	2.35	2.36	2.23	####	####	2.51	3.41
+#3 C	15.19	0.46	1.42			36.46	39.59	15.19	7.17	12.96	####	####	16.90	19.73
+#4 C	16.74	0.46	0.86			35.10	37.37	16.74	7.90	8.65	####	####	17.92	19.49
+#5 C	10.00	0.48	0.76			35.16	31.82	10.00	4.92	4.57	####	####	10.66	9.91
-#5 C	46.07	1.54	2.33	0.00	0.00	33.98	31.51	46.07	72.74	65.38	####	####	47.33	45.22
Head (Asy)		1.30	1.66			33.18	32.93							
Head (Calc)	100.00	0.98	1.66	0.00	0.00	32.77	32.10	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
	Assays							Distribution						
1 to 1	0.02	0.62	1.02	0.00	0.00	16.62	12.95	0.02	0.01	0.01	####	####	0.01	0.01
1 to 2	0.15	0.62	1.02	0.00	0.00	16.62	12.95	0.15	0.10	0.09	####	####	0.08	0.06
1 to 3	0.97	0.62	1.02	0.00	0.00	16.62	12.95	0.97	0.62	0.59	####	####	0.49	0.39
1 to 4	2.00	0.49	0.73	0.00	0.00	12.93	7.87	2.00	1.40	1.23	####	####	1.10	0.69
1 to 5	8.36	0.48	0.83	0.00	0.00	12.95	6.32	8.36	4.14	4.17	####	####	3.28	1.73
6 to 6	1.29	0.58	1.98	0.00	0.00	40.80	36.26	1.29	0.77	1.54	####	####	1.60	1.46
6 to 7	3.64	0.84	1.72	0.00	0.00	37.18	42.95	3.64	3.13	3.77	####	####	4.10	4.37
6 to 8	18.83	0.53	1.48	0.00	0.00	36.60	40.24	18.83	10.29	16.73	####	####	20.90	23.60
6 to 9	35.57	0.50	1.19	0.00	0.00	35.89	38.99	35.57	18.19	25.38	####	####	38.72	43.09
6 to 10	45.57	0.49	1.07	0.00	0.00	35.73	37.34	45.57	23.11	29.95	####	####	49.38	53.00
6 to 11	91.64	1.02	1.74	0.00	0.00	34.20	34.41	91.64	95.36	75.83	####	####	96.72	98.22

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6043-093				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.66	0.42	0.86			12.53	5.37	4.66	2.56	2.20	####	####	1.50	0.64
+150 M	5.73	0.62	1.76			18.06	12.33	5.73	4.64	5.54	####	####	2.66	1.75
+200 M	12.02	0.84	2.60			29.30	27.23	12.02	13.20	17.19	####	####	8.95	8.33
+270 M	12.94	0.86	2.62			37.80	39.50	12.94	14.54	18.64	####	####	12.55	13.01
+400 M	32.17	0.76	2.02			44.46	44.90	32.17	31.95	35.72	####	####	36.71	36.76
-400 M	32.48	0.78	1.16			45.14	47.81	32.48	33.11	20.71	####	####	37.62	39.52
+#1 Conc	3.12	0.60	1.06			48.16	49.89	3.12	2.45	1.82	####	####	3.86	3.96
+#2 C	15.92	0.60	1.28			46.54	50.68	15.92	12.40	11.20	####	####	19.02	20.53
+#3 C	9.06	0.64	1.12			46.22	47.19	9.06	7.59	5.53	####	####	10.75	10.88
+#4 C	2.11	0.70	0.84			39.94	40.84	2.11	1.93	0.97	####	####	2.16	2.19
+#5 C	0.61	0.30	1.72			32.40	33.47	0.61	0.24	0.58	####	####	0.51	0.52
-#5 C	1.66	3.73	0.62	0.00	0.00	31.43	33.89	1.66	8.03	0.56	####	####	1.34	1.43
Head (Asy)		0.80	1.30			40.36	40.75							
Head (Calc)	100.00	0.77	1.82	0.00	0.00	38.96	39.30	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.66	0.42	0.86	0.00	0.00	12.53	5.37	4.66	2.56	2.20	####	####	1.50	0.64
1 to 2	10.39	0.53	1.36	0.00	0.00	15.60	9.04	10.39	7.20	7.75	####	####	4.16	2.39
1 to 3	22.41	0.70	2.02	0.00	0.00	22.79	18.80	22.41	20.40	24.73	####	####	13.11	10.72
1 to 4	35.35	0.76	2.24	0.00	0.00	28.23	26.38	35.35	34.74	42.56	####	####	25.66	23.73
1 to 5	67.52	0.76	2.14	0.00	0.00	35.99	35.20	67.52	66.69	79.27	####	####	62.37	60.48
6 to 6	3.12	0.60	1.06	0.00	0.00	48.16	49.89	3.12	2.45	1.82	####	####	3.86	3.96
6 to 7	19.04	0.60	1.24	0.00	0.00	46.81	50.55	19.04	14.93	13.02	####	####	22.87	24.49
6 to 8	28.10	0.61	1.22	0.00	0.00	46.62	49.47	28.10	22.51	18.60	####	####	33.62	35.37
6 to 9	30.21	0.62	1.18	0.00	0.00	46.15	48.86	30.21	24.44	19.57	####	####	35.78	37.57
6 to 10	30.82	0.62	1.19	0.00	0.00	45.88	48.56	30.82	25.03	20.15	####	####	36.29	38.09
6 to 11	32.48	0.78	1.16	0.00	0.00	45.14	47.81	32.48	33.11	20.71	####	####	37.63	39.52

S.M.+S.--Metallurgical Laboratory Report

6843-094

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.37	0.40	0.94			18.70	4.16	1.37	0.88	0.67	####	####	0.28	0.22
+150 M	2.40	0.64	1.94			16.94	11.22	2.40	1.81	1.99	####	####	1.15	0.76
+200 M	4.89	0.82	3.26			25.78	24.53	4.89	4.73	7.33	####	####	3.56	3.39
+270 M	6.71	0.84	3.53			34.86	34.09	6.71	6.65	10.25	####	####	6.45	6.46
+400 M	16.06	0.72	2.86			36.92	38.34	16.08	13.59	19.59	####	####	16.68	17.19
-400 M	68.13	0.90	2.32			37.22	37.42	68.13	72.34	69.66	####	####	71.58	71.99
+#1 Cone	2.56	0.56	1.52			45.56	47.31	2.56	1.69	1.67	####	####	3.29	3.46
+#2 C	8.31	0.54	1.34			45.72	47.39	8.31	5.29	6.55	####	####	10.73	11.12
+#3 C	13.39	0.46	2.33			39.86	41.16	12.39	7.13	11.21	####	####	14.74	15.21
+#4 C	10.43	0.47	1.54			36.30	34.69	10.68	5.29	7.94	####	####	10.34	10.28
+#5 C	6.33	0.44	1.26			34.83	22.43	6.33	3.13	3.51	####	####	5.85	5.52
-#5 C	27.46	1.51	2.61	0.00	0.00	33.73	34.04	27.46	49.33	30.69	####	####	26.16	26.45
Head (Asy)		0.90	2.34			34.34	25.76							
Head (Calc)	100.00	0.85	2.34	0.00	0.00	35.41	35.41	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.37	0.40	0.94	0.00	0.00	18.90	4.16	1.37	0.58	0.67	####	####	0.59	0.22
1 to 2	4.27	0.53	1.46	0.00	0.00	14.29	8.13	4.27	2.49	2.67	####	####	1.72	0.98
1 to 3	9.16	0.69	2.47	0.00	0.00	20.43	16.89	9.16	7.42	9.70	####	####	5.28	4.37
1 to 4	15.87	0.75	2.91	0.00	0.00	26.19	24.16	15.87	14.37	19.75	####	####	11.74	10.83
1 to 5	31.87	0.74	2.88	0.00	0.00	31.58	31.13	31.87	27.66	39.34	####	####	28.42	28.01
6 to 6	2.56	0.56	1.52	0.00	0.00	45.56	47.81	2.56	1.69	1.67	####	####	3.29	3.46
6 to 7	10.87	0.54	1.76	0.00	0.00	45.68	47.49	10.87	6.99	8.21	####	####	14.02	14.53
6 to 8	23.96	0.50	1.37	0.00	0.00	42.50	44.03	23.96	14.29	19.42	####	####	28.76	29.79
6 to 9	34.64	0.47	1.70	0.00	0.00	40.50	40.97	34.64	19.38	26.46	####	####	39.52	40.37
6 to 10	40.67	0.47	1.72	0.00	0.00	39.55	39.70	40.67	22.51	29.97	####	####	45.42	45.59
6 to 11	68.13	0.90	2.30	0.00	0.00	37.22	37.42	68.13	72.34	60.66	####	####	71.58	71.99

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6043-095				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.02	0.38	0.72			6.18	5.82	0.02	0.01	0.00	####	####	0.00	0.00
+150 M	0.04	0.38	0.72			6.18	5.82	0.04	0.02	0.01	####	####	0.01	0.01
+200 M	0.92	0.38	0.72			6.18	5.82	0.92	0.39	0.21	####	####	0.19	0.16
+270 M	1.92	0.38	0.80			5.74	4.79	1.92	0.81	0.48	####	####	0.37	0.29
+400 M	6.17	0.53	2.73			10.34	9.15	6.17	3.44	5.31	####	####	2.25	1.69
-400 M	90.93	0.94	3.34			31.34	35.89	90.93	95.32	94.00	####	####	97.19	97.85
+#1 Cone	1.01	0.56	4.24			40.64	48.01	1.01	0.63	1.33	####	####	1.38	1.45
+#2 C	3.68	0.56	4.24			40.64	48.01	3.68	2.30	4.32	####	####	5.02	5.33
+#3 C	15.97	0.46	3.52			35.94	39.22	15.97	8.19	17.48	####	####	19.27	19.79
+#4 C	16.15	0.44	2.42			22.02	25.89	16.15	7.93	12.10	####	####	17.36	17.38
+#5 C	9.60	0.44	2.20			30.53	32.19	9.60	4.71	6.54	####	####	9.83	9.27
-#5 C	44.52	1.44	3.76	0.00	0.00	29.67	34.22	44.52	71.57	51.31	####	####	44.33	45.47
Head (Asy)		1.06	3.56			29.76	32.93							
Head (Calc)	100.00	0.93	3.22	0.00	0.00	29.79	32.25	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.02	0.38	0.72	0.00	0.00	6.18	5.82	0.02	0.01	0.00	####	####	0.00	0.00
1 to 2	0.06	0.38	0.72	0.00	0.00	6.18	5.82	0.06	0.03	0.01	####	####	0.01	0.01
1 to 3	0.98	0.38	0.72	0.00	0.00	6.18	5.82	0.98	0.42	0.22	####	####	0.20	0.17
1 to 4	2.90	0.38	0.77	0.00	0.00	5.89	5.27	2.90	1.23	0.69	####	####	0.57	0.46
1 to 5	9.07	0.46	2.14	0.00	0.00	9.25	7.91	9.07	4.67	6.00	####	####	2.82	2.15
6 to 6	1.01	0.56	4.24	0.00	0.00	40.64	48.01	1.01	0.63	1.33	####	####	1.38	1.45
6 to 7	4.69	0.56	4.24	0.00	0.00	40.64	48.01	4.69	2.93	6.15	####	####	6.40	6.78
6 to 8	20.66	0.48	3.69	0.00	0.00	37...	41.22	20.66	11.12	23.55	####	####	25.66	25.53
6 to 9	36.81	0.46	3.12	0.00	0.00	34.32	38.33	36.81	19.05	35.65	####	####	42.22	42.91
6 to 10	46.41	0.46	2.94	0.00	0.00	33.93	37.50	46.41	23.76	42.19	####	####	52.25	52.13
6 to 11	90.93	0.94	3.24	0.00	0.00	31.34	35.89	90.93	95.33	94.00	####	####	97.13	97.85

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6043-096				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.20	0.54	1.40			10.59	7.04	5.20	3.39	1.91	####	####	1.53	0.93
+150 M	6.01	0.76	2.54			16.28	13.98	6.01	5.51	4.80	####	####	2.73	2.12
+200 M	11.46	0.94	4.34			26.02	27.38	11.46	12.99	13.24	####	####	8.31	7.96
+270 M	14.34	0.76	4.99			36.24	41.44	14.34	16.60	18.72	####	####	14.49	15.07
+400 M	10.18	0.92	4.92			41.16	45.51	10.18	29.25	38.93	####	####	34.63	34.33
-400 M	32.81	0.80	2.72			41.83	47.01	32.81	31.66	23.40	####	####	38.31	39.11
+#1 Conc	3.98	0.60	1.34			44.66	52.17	3.98	2.31	1.36	####	####	4.93	5.13
+#2 C	16.55	0.64	2.66			43.00	48.31	16.55	12.85	11.61	####	####	19.96	20.27
+#3 C	8.26	0.66	2.64			41.33	45.37	8.26	6.65	5.79	####	####	9.64	9.62
+#4 C	1.94	0.70	2.44			35.48	40.52	1.94	1.64	1.25	####	####	1.92	1.99
+#5 C	0.53	0.34	2.44			35.48	37.47	0.53	0.54	0.34	####	####	0.52	0.51
-#5 C	1.45	4.10	8.81	0.00	0.00	35.37	43.27	1.45	7.17	3.25	####	####	1.43	1.59
Head (Asy)		0.86	3.64			35.56	39.59							
Head (Calc)	100.00	0.83	3.31	0.00	0.00	35.87	39.44	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.20	0.54	1.40	0.00	0.00	10.59	7.04	5.20	3.39	1.91	####	####	1.53	0.93
1 to 2	11.21	0.66	2.31	0.00	0.00	13.64	10.71	11.21	8.90	5.91	####	####	4.26	3.04
1 to 3	22.67	0.80	3.19	0.00	0.00	19.90	19.14	22.67	21.89	18.95	####	####	12.57	11.00
1 to 4	37.01	0.86	3.88	0.00	0.00	26.23	27.78	37.01	38.49	37.67	####	####	27.06	26.07
1 to 5	47.19	0.84	4.35	0.00	0.00	32.74	35.74	47.19	68.34	76.60	####	####	61.69	60.39
6 to 6	3.98	0.60	1.34	0.00	0.00	44.66	52.17	3.98	2.81	1.26	####	####	4.83	5.13
6 to 7	20.53	0.63	2.41	0.00	0.00	43.21	46.90	20.53	15.66	12.97	####	####	24.79	25.40
6 to 8	28.39	0.64	2.43	0.00	0.00	42.75	47.30	28.39	22.32	18.76	####	####	34.43	35.02
6 to 9	30.33	0.64	2.43	0.00	0.00	42.30	47.25	30.33	23.95	20.01	####	####	36.35	37.01
6 to 10	31.36	0.65	2.40	0.00	0.00	42.12	47.13	31.36	24.49	20.35	####	####	36.99	37.52
6 to 11	32.31	0.80	2.72	0.00	0.00	41.29	47.01	32.31	31.66	23.40	####	####	39.31	39.11

B.M.+S.--Metallurgical Laboratory Report

6843-097				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.49	0.66	1.40			8.64	5.18	2.49	1.78	2.19	####	####	0.68	0.37
+150 M	2.69	0.72	1.44			12.42	9.62	2.69	2.10	2.43	####	####	1.05	0.75
+200 M	5.21	0.80	1.70			21.50	22.02	5.21	4.51	5.56	####	####	3.53	3.33
+270 M	6.28	0.78	1.76			30.34	34.34	6.28	5.30	6.94	####	####	6.01	6.21
+400 M	16.28	0.70	1.36			33.16	37.37	16.28	12.33	13.89	####	####	17.04	17.66
-400 M	67.05	1.02	1.64			33.88	36.82	67.05	73.79	69.08	####	####	71.68	71.67
+#1 Conc	1.96	0.59	0.98			45.80	52.36	1.96	1.23	1.21	####	####	2.83	2.98
+#2 C	7.48	0.53	1.16			44.72	48.23	7.48	4.59	5.44	####	####	10.56	10.47
+#3 C	12.45	0.52	1.10			37.30	39.29	12.45	7.30	8.59	####	####	14.54	14.20
+#4 C	10.60	0.50	0.96			33.00	32.66	10.60	5.73	6.39	####	####	11.04	10.26
+#5 C	6.17	0.50	1.06			30.18	30.76	6.17	3.34	4.10	####	####	5.88	5.51
-#5 C	29.39	1.69	2.43	0.00	0.00	29.97	34.15	29.39	51.99	43.27	####	####	25.85	28.15
Head (Asy)		0.92	1.62			31.12	33.26							
Head (Calc)	100.00	0.92	1.59	0.00	0.00	31.69	34.44	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.49	0.66	1.40	0.00	0.00	8.64	5.18	2.49	1.78	2.19	####	####	0.68	0.37
1 to 2	5.18	0.69	1.42	0.00	0.00	10.63	7.49	5.18	3.87	4.62	####	####	1.73	1.12
1 to 3	10.39	0.75	1.56	0.00	0.00	16.07	14.77	10.39	8.38	10.18	####	####	5.27	4.46
1 to 4	16.67	0.76	1.64	0.00	0.00	21.44	22.33	16.67	13.69	17.11	####	####	11.28	10.66
1 to 5	32.95	0.73	1.50	0.00	0.00	27.22	29.61	32.95	26.01	31.00	####	####	28.32	28.33
6 to 6	1.96	0.59	0.98	0.00	0.00	45.80	52.36	1.96	1.23	1.21	####	####	2.83	2.98
6 to 7	9.44	0.58	1.12	0.00	0.00	44.74	49.09	9.44	5.92	6.65	####	####	13.39	13.45
6 to 8	21.89	0.55	1.11	0.00	0.00	40.43	43.52	21.89	12.93	15.24	####	####	27.92	27.65
6 to 9	32.49	0.53	1.06	0.00	0.00	38.30	40.31	32.49	18.66	21.63	####	####	38.96	38.02
6 to 10	38.66	0.53	1.06	0.00	0.00	36.75	38.79	38.66	22.00	25.73	####	####	44.84	43.53
6 to 11	67.05	1.02	1.64	0.00	0.00	33.88	36.82	67.05	73.79	69.08	####	####	71.68	71.67

B.M.+S.—Metallurgical Laboratory Report

6043-098			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.58	0.63	1.24			7.40	5.32	0.58	0.34	0.41	####	####	0.14	0.10
+150 M	1.39	0.52	1.00			7.00	4.36	1.39	0.71	0.78	####	####	0.32	0.18
+200 M	3.04	0.60	1.24			10.12	7.54	3.04	1.79	2.13	####	####	1.02	0.70
+270 M	3.76	0.70	1.46			19.56	20.03	3.76	2.58	3.10	####	####	2.44	2.21
+400 M	11.15	0.74	1.52			29.36	33.08	11.15	3.10	9.56	####	####	10.85	10.82
-400 M	80.08	1.10	1.86			32.12	36.57	80.08	86.47	84.03	####	####	85.23	85.99
+#1 Conc	2.53	0.72	1.16			42.66	49.19	2.53	1.79	1.66	####	####	3.58	3.65
+#2 C	7.88	0.70	1.24			42.34	49.41	7.88	5.41	5.51	####	####	11.06	11.43
+#3 C	14.50	0.52	1.42			36.56	41.36	14.50	7.40	11.62	####	####	17.57	17.61
+#4 C	12.95	0.48	1.30			33.78	33.70	12.95	6.10	9.50	####	####	14.50	12.81
+#5 C	7.56	0.53	1.04			31.60	30.37	7.56	3.71	4.44	####	####	7.92	6.74
-#5 C	34.66	1.32	2.62	0.00	0.00	26.66	33.15	34.66	62.06	51.31	####	####	30.62	33.73
Head (Asy)		0.94	1.92			33.96	32.03							
Head (Calc)	100.00	1.02	1.77	0.00	0.00	30.18	34.06	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.58	0.63	1.24	0.00	0.00	7.40	5.32	0.58	0.34	0.41	####	####	0.14	0.10
1 to 2	1.97	0.55	1.07	0.00	0.00	7.12	4.79	1.97	1.05	1.19	####	####	0.46	0.28
1 to 3	5.01	0.59	1.17	0.00	0.00	8.94	6.64	5.01	2.84	3.32	####	####	1.49	0.98
1 to 4	8.77	0.63	1.30	0.00	0.00	13.49	12.38	8.77	5.43	6.41	####	####	3.92	3.19
1 to 5	19.92	0.69	1.42	0.00	0.00	22.37	23.97	19.92	13.53	15.97	####	####	14.77	14.02
6 to 6	2.53	0.72	1.16	0.00	0.00	42.66	49.19	2.53	1.79	1.66	####	####	3.58	3.65
6 to 7	10.41	0.70	1.22	0.00	0.00	42.42	49.36	10.41	7.20	7.17	####	####	14.63	15.09
6 to 8	24.91	0.60	1.34	0.00	0.00	39.31	44.70	24.91	14.61	18.79	####	####	32.20	32.69
6 to 9	37.86	0.56	1.32	0.00	0.00	37.22	40.94	37.86	20.71	28.29	####	####	46.69	45.51
6 to 10	45.42	0.55	1.28	0.00	0.00	36.28	39.18	45.42	24.42	32.72	####	####	54.61	52.25
6 to 11	80.08	1.10	1.86	0.00	0.00	32.12	36.57	80.08	86.47	84.03	####	####	85.23	85.99

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6043-099			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	12.66	0.46	1.24			7.88	6.24	12.66	7.54	8.22	####	####	2.95	2.16
+150 M	8.97	0.80	2.66			16.76	14.98	8.97	9.29	12.50	####	####	4.44	3.68
+200 M	16.53	1.00	3.26			34.54	37.44	16.53	21.40	28.22	####	####	16.86	16.95
+270 M	19.03	0.86	1.84			40.64	44.51	19.03	21.19	18.34	####	####	22.84	23.20
+400 M	29.34	0.68	1.42			42.12	47.42	29.34	25.39	21.45	####	####	35.88	37.46
-400 M	13.97	0.84	1.54			41.26	43.26	13.97	15.19	11.27	####	####	17.03	16.55
+#1 Conc	2.36	0.66	1.18			45.14	48.26	2.36	1.76	1.27	####	####	2.75	2.72
+#2 C	5.23	0.62	1.22			44.99	47.01	5.23	4.20	3.34	####	####	6.95	6.73
+#3 C	3.31	0.60	1.20			39.52	46.31	3.31	2.57	2.08	####	####	3.96	4.24
+#4 C	1.08	0.60	1.24			33.28	34.41	1.08	1.07	0.90	####	####	1.26	1.30
+#5 C	0.44	0.60	1.36			30.72	31.27	0.44	0.34	0.31	####	####	0.40	0.38
-#5 C	1.55	2.62	4.14	0.00	0.00	37.36	27.66	1.55	5.25	3.36	####	####	1.71	1.17
Head (Asy)		0.80	1.63			34.50	37.07							
Head (Calc)	100.00	0.77	1.91	0.00	0.00	33.86	36.51	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	12.66	0.46	1.24	0.00	0.00	7.88	6.24	12.66	7.54	8.22	####	####	2.95	2.16
1 to 2	21.63	0.60	1.83	0.00	0.00	11.56	9.36	21.63	16.83	20.72	####	####	7.39	5.84
1 to 3	38.16	0.77	2.45	0.00	0.00	21.52	21.91	38.16	38.23	48.94	####	####	24.25	22.79
1 to 4	57.19	0.80	2.25	0.00	0.00	27.88	29.36	57.19	59.42	67.28	####	####	47.09	45.99
1 to 5	86.53	0.76	1.97	0.00	0.00	32.65	35.42	86.53	84.81	88.73	####	####	82.97	83.45
6 to 6	2.36	0.66	1.18	0.00	0.00	45.14	48.26	2.36	1.76	1.27	####	####	2.75	2.72
6 to 7	7.59	0.63	1.21	0.00	0.00	45.03	47.36	7.59	5.96	4.62	####	####	9.70	9.46
6 to 8	10.90	0.62	1.21	0.00	0.00	43.31	47.19	10.90	8.53	6.70	####	####	13.66	13.70
6 to 9	11.98	0.62	1.21	0.00	0.00	42.15	45.72	11.98	9.60	7.59	####	####	14.92	15.00
6 to 10	12.42	0.62	1.22	0.00	0.00	41.75	45.21	12.42	9.94	7.91	####	####	15.31	15.39
6 to 11	13.97	0.84	1.54	0.00	0.00	41.26	43.26	13.97	15.19	11.27	####	####	17.03	16.55

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6043-100				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.39	0.42	1.08			7.34	4.07	2.39	1.11	1.60	####	####	0.55	0.28
+150 M	2.60	0.60	1.44			11.94	9.62	2.60	1.73	2.32	####	####	0.97	0.72
+200 M	5.09	0.72	1.90			21.60	21.76	5.09	4.06	5.99	####	####	3.42	3.20
+270 M	6.19	0.74	1.64			29.84	33.29	6.19	5.07	6.29	####	####	5.75	5.96
+400 M	16.31	0.66	1.18			34.08	39.06	16.31	11.92	11.93	####	####	17.31	18.42
-400 M	67.42	1.02	1.72			34.29	36.64	67.42	76.12	71.87	####	####	71.99	71.42
+#1 Conc	2.05	0.54	0.98			43.72	53.59	2.05	1.23	1.25	####	####	2.79	3.00
+#2 C	7.40	0.52	1.29			45.16	52.03	7.40	4.26	5.87	####	####	10.41	11.14
+#3 C	12.49	0.46	0.98			39.58	40.72	12.49	6.36	7.59	####	####	15.40	14.78
+#4 C	10.51	0.42	0.84			33.90	35.71	10.51	4.89	5.47	####	####	11.10	10.85
+#5 C	5.87	0.42	0.88			31.29	34.04	5.87	2.73	3.20	####	####	5.72	5.78
-#5 C	29.10	1.76	2.69	0.00	0.00	29.32	30.75	29.10	56.66	48.49	####	####	26.57	25.87
Head (Asy)		0.88	1.62			32.12	35.15							
Head (Calc)	100.00	0.90	1.61	0.00	0.00	32.10	34.59	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.39	0.42	1.08	0.00	0.00	7.34	4.07	2.39	1.11	1.60	####	####	0.55	0.28
1 to 2	4.99	0.51	1.27	0.00	0.00	9.74	6.96	4.99	2.84	3.92	####	####	1.51	1.00
1 to 3	10.08	0.62	1.59	0.00	0.00	15.73	14.43	10.08	6.90	9.91	####	####	4.94	4.21
1 to 4	16.27	0.66	1.61	0.00	0.00	21.10	21.61	16.27	11.96	16.21	####	####	10.69	10.16
1 to 5	32.58	0.66	1.39	0.00	0.00	27.60	30.34	32.58	23.88	28.13	####	####	28.01	28.59
6 to 6	2.05	0.54	0.99	0.00	0.00	43.72	53.59	2.05	1.23	1.25	####	####	2.79	3.00
6 to 7	9.45	0.52	1.21	0.00	0.00	44.85	51.76	9.45	5.48	7.12	####	####	13.20	14.14
6 to 8	21.94	0.49	1.08	0.00	0.00	41.85	45.59	21.94	11.84	14.70	####	####	28.60	28.92
6 to 9	32.45	0.47	1.00	0.00	0.00	39.27	42.39	32.45	16.73	20.17	####	####	39.70	39.77
6 to 10	38.32	0.46	0.98	0.00	0.00	38.05	41.11	38.32	19.46	23.37	####	####	45.42	45.54
6 to 11	67.42	1.02	1.72	0.00	0.00	34.29	36.64	67.42	76.12	71.87	####	####	71.99	71.42

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6043-181				Assays								Distribution			
Product	**Wt (g)**	**% Pb**	**% Zn**	**% Cu**	**opt Ag**	**% Fe**	**% S**	**Wt %**	**% Pb**	**% Zn**	**% Cu**	**% Ag**	**% Fe**	**% S**
+100 M	0.64	0.48	0.94			7.30	3.72	0.64	0.33	0.44	####	####	0.14	0.07
+150 M	1.67	0.54	0.82			7.78	3.35	1.67	0.95	0.99	####	####	0.40	0.17
+200 M	3.23	0.60	0.88			11.40	8.00	3.23	2.35	2.06	####	####	1.12	0.76
+270 M	3.92	0.72	1.22			21.72	20.83	3.92	2.99	3.46	####	####	2.60	2.42
+400 M	12.80	0.72	1.06			32.78	31.43	12.80	9.75	9.22	####	####	12.80	11.90
-400 M	77.74	1.02	1.48			34.96	36.83	77.74	83.93	83.24	####	####	82.94	84.69
+41 Conc	2.68	0.46	0.66			47.20	52.01	2.68	1.30	1.29	####	####	3.86	4.12
+42 C	7.96	0.48	0.66			46.76	51.71	7.96	4.04	3.80	####	####	11.36	12.17
+43 C	13.74	0.48	0.80			39.36	42.41	13.74	6.98	7.95	####	####	16.50	17.24
+44 C	12.48	0.46	0.84			34.38	34.11	12.48	6.08	7.59	####	####	13.09	12.59
+45 C	7.01	0.50	0.70			32.74	29.74	7.01	3.71	3.55	####	####	7.00	6.17
-45 C	33.87	1.72	2.41	0.00	0.00	30.11	32.34	33.87	61.81	59.07	####	####	31.12	32.40
Head (Asy)		0.96	1.52			32.18	33.49							
Head (Calc)	100.00	0.94	1.38	0.00	0.00	32.77	33.91	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution			
Product	**Wt (g)**	**% Pb**	**% Zn**	**% Cu**	**opt Ag**	**% Fe**	**% S**	**Wt %**	**% Pb**	**% Zn**	**% Cu**	**% Ag**	**% Fe**	**% S**
1 to 1	0.64	0.48	0.94	0.00	0.00	7.30	3.72	0.64	0.33	0.44	####	####	0.14	0.07
1 to 2	2.31	0.52	0.85	0.00	0.00	7.65	3.45	2.31	1.28	1.43	####	####	0.54	0.24
1 to 3	5.54	0.57	0.87	0.00	0.00	9.34	6.10	5.54	3.33	3.48	####	####	1.66	1.00
1 to 4	9.46	0.63	1.01	0.00	0.00	14.76	12.21	9.46	6.32	6.94	####	####	4.26	3.42
1 to 5	22.26	0.63	1.04	0.00	0.00	25.12	23.26	22.26	16.07	16.76	####	####	17.06	15.31
6 to 6	2.68	0.46	0.66	0.00	0.00	47.20	52.01	2.68	1.30	1.29	####	####	3.86	4.12
6 to 7	10.64	0.47	0.66	0.00	0.00	46.87	51.79	10.64	5.35	5.08	####	####	15.22	16.30
6 to 8	24.38	0.48	0.74	0.00	0.00	42.64	46.50	24.38	12.33	13.03	####	####	31.72	33.53
6 to 9	36.86	0.47	0.77	0.00	0.00	39.34	42.31	36.86	18.41	20.62	####	####	44.31	46.12
6 to 10	43.87	0.48	0.76	0.00	0.00	38.71	40.30	43.87	22.12	24.17	####	####	51.32	52.29
6 to 11	77.74	1.02	1.48	0.00	0.00	34.96	36.93	77.74	83.93	83.24	####	####	82.94	84.69

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6043-102				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	11.67	0.54	1.32			8.10	6.24	11.67	7.39	7.61	####	####	2.67	1.96
+150 M	8.64	0.86	1.36			16.32	13.31	8.64	8.72	10.27	####	####	4.24	3.09
+200 M	15.32	1.06	2.54			34.00	36.40	15.32	19.05	24.99	####	####	14.73	14.98
+270 M	19.18	0.92	1.76			42.74	47.01	19.18	20.70	21.59	####	####	23.18	24.22
+400 M	30.38	0.78	1.30			43.70	47.01	30.38	27.88	25.25	####	####	37.55	38.37
-400 M	14.81	0.94	1.10			42.56	43.68	14.81	16.33	10.41	####	####	17.83	17.38
+#1 Conc	2.16	0.70	0.84			47.36	48.46	2.16	1.77	1.16	####	####	2.92	2.81
+#2 C	5.33	0.64	0.96			47.56	48.64	5.33	4.00	3.27	####	####	7.14	6.97
+#3 C	3.61	0.60	1.02			41.70	42.02	3.61	2.54	2.35	####	####	4.26	4.08
+#4 C	1.54	0.60	0.98			35.92	34.94	1.54	1.08	0.96	####	####	1.56	1.45
+#5 C	0.44	0.68	1.20			34.94	31.63	0.44	0.35	0.34	####	####	0.43	0.37
-#5 C	1.73	3.24	2.10	0.00	0.00	30.82	36.75	1.73	6.58	2.33	####	####	1.51	1.71
Head (Asy)		0.92	1.64			39.04	39.71							
Head (Calc)	100.00	0.85	1.56	0.00	0.00	35.36	37.22	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	11.67	0.54	1.32	0.00	0.00	8.10	6.24	11.67	7.39	7.61	####	####	2.67	1.96
1 to 2	20.31	0.68	1.33	0.00	0.00	11.68	9.25	20.31	16.11	17.88	####	####	6.71	5.05
1 to 3	35.63	0.84	1.88	0.00	0.00	21.23	20.92	35.63	35.16	42.76	####	####	21.44	20.03
1 to 4	54.81	0.87	1.84	0.00	0.00	28.79	30.05	54.81	55.87	64.34	####	####	44.63	44.25
1 to 5	85.19	0.84	1.64	0.00	0.00	34.11	36.13	85.19	83.67	89.59	####	####	82.17	82.62
6 to 6	2.16	0.70	0.84	0.00	0.00	47.36	48.46	2.16	1.77	1.16	####	####	2.92	2.81
6 to 7	7.49	0.66	0.92	0.00	0.00	47.50	48.59	7.49	5.78	4.43	####	####	10.06	9.78
6 to 8	11.10	0.64	0.96	0.00	0.00	45.62	46.45	11.10	8.32	6.78	####	####	14.32	13.85
6 to 9	12.64	0.63	0.96	0.00	0.00	44.44	45.05	12.64	9.40	7.75	####	####	15.88	15.30
6 to 10	13.08	0.64	0.97	0.00	0.00	44.11	44.60	13.08	9.75	8.09	####	####	16.32	15.67
6 to 11	14.81	0.94	1.10	0.00	0.00	42.56	43.68	14.81	16.33	10.41	####	####	17.83	17.38

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6043-103			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.88	0.34	1.10			10.12	6.24	2.88	1.26	1.80	####	####	0.88	0.52
+150 M	3.03	0.50	1.62			16.02	11.44	3.03	1.95	2.79	####	####	1.46	1.00
+200 M	5.50	0.70	1.84			24.72	23.70	5.50	4.97	5.75	####	####	4.09	3.75
+270 M	7.27	0.72	1.76			32.22	33.67	7.27	6.75	7.27	####	####	7.05	7.05
+400 M	15.58	0.52	1.20			36.02	37.00	15.58	10.45	10.63	####	####	16.89	16.59
-400 M	65.74	0.88	1.92			35.20	37.57	65.74	74.62	71.75	####	####	69.63	71.09
+41 Conc	2.15	0.40	0.98			44.56	51.34	2.15	1.11	1.20	####	####	2.88	3.18
+42 C	7.48	0.38	0.98			43.76	52.64	7.48	3.67	4.17	####	####	9.85	11.33
+43 C	11.94	0.32	1.38			39.40	41.66	11.94	4.93	9.37	####	####	14.16	14.32
+44 C	10.04	0.26	1.15			35.92	33.29	10.04	3.37	6.62	####	####	10.85	9.62
-45 C	5.87	0.26	1.30			34.60	31.99	5.87	1.97	4.34	####	####	6.11	5.41
-45 C	28.26	1.63	2.87	0.00	0.00	30.32	33.49	28.26	59.58	46.06	####	####	25.79	27.24
Head (Asy)		0.80	2.30			33.40	34.41							
Head (Calc)	100.00	0.78	1.76	0.00	0.00	33.23	34.74	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.88	0.34	1.10	0.00	0.00	10.12	6.24	2.88	1.26	1.80	####	####	0.88	0.52
1 to 2	5.91	0.42	1.37	0.00	0.00	13.14	8.91	5.91	3.22	4.59	####	####	2.34	1.52
1 to 3	11.41	0.56	1.59	0.00	0.00	19.72	16.04	11.41	8.18	10.34	####	####	6.43	5.27
1 to 4	18.68	0.62	1.66	0.00	0.00	23.98	22.90	18.68	14.93	17.62	####	####	13.48	12.31
1 to 5	34.26	0.57	1.45	0.00	0.00	29.45	29.31	34.26	25.38	28.25	####	####	30.37	28.91
6 to 6	2.15	0.40	0.98	0.00	0.00	44.56	51.34	2.15	1.11	1.20	####	####	2.88	3.18
6 to 7	9.63	0.39	0.98	0.00	0.00	43.94	52.35	9.63	4.78	5.36	####	####	12.72	14.51
6 to 8	21.57	0.35	1.20	0.00	0.00	41.43	46.43	21.57	9.70	14.73	####	####	26.89	28.83
6 to 9	31.61	0.32	1.17	0.00	0.00	39.68	42.26	31.61	13.07	21.35	####	####	37.74	38.45
6 to 10	37.48	0.31	1.21	0.00	0.00	38.88	40.65	37.48	15.04	25.69	####	####	43.85	43.86
6 to 11	65.74	0.88	1.92	0.00	0.00	35.20	37.57	65.74	74.62	71.75	####	####	69.63	71.09

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6043-104				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.34	0.38	1.44			9.12	4.42	0.34	0.15	0.26	####	####	0.09	0.05
+150 M	1.00	0.38	1.44			9.12	4.42	1.00	0.44	0.76	####	####	0.28	0.14
+200 M	2.82	0.30	1.12			10.10	4.78	2.82	0.97	1.67	####	####	0.87	0.41
+270 M	3.31	0.42	1.22			16.58	13.25	3.31	1.59	2.13	####	####	1.68	1.34
+400 M	9.97	0.52	1.54			28.26	27.97	9.97	5.95	8.10	####	####	8.66	8.52
-400 M	82.56	0.96	2.03			34.98	35.51	82.56	90.90	87.09	####	####	89.42	89.55
+#1 Conc	2.00	0.48	1.02			45.34	48.94	2.00	1.10	1.08	####	####	2.78	2.99
+#2 C	7.51	0.52	1.06			45.94	41.58	7.51	4.49	4.20	####	####	10.56	9.54
+#3 C	14.44	0.40	1.24			39.92	40.11	14.44	6.62	9.44	####	####	17.65	17.69
+#4 C	13.03	0.34	0.88			35.26	32.02	13.03	5.08	6.05	####	####	14.07	12.74
+#5 C	7.74	0.39	1.14			32.22	31.46	7.74	3.37	4.65	####	####	7.37	7.44
-#5 C	37.84	1.62	3.09	0.00	0.00	30.64	33.27	37.84	73.25	61.67	####	####	35.49	39.15
Head (Asy)		0.88	1.80			32.24	34.22							
Head (Calc)	100.00	0.87	1.90	0.00	0.00	32.66	32.74	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.34	0.38	1.44	0.00	0.00	9.12	4.42	0.34	0.15	0.26	####	####	0.09	0.05
1 to 2	1.34	0.38	1.44	0.00	0.00	9.12	4.42	1.34	0.59	1.02	####	####	0.37	0.19
1 to 3	4.16	0.33	1.22	0.00	0.00	9.79	4.66	4.16	1.55	2.68	####	####	1.25	0.59
1 to 4	7.47	0.37	1.22	0.00	0.00	12.90	8.47	7.47	3.15	4.81	####	####	2.93	1.93
1 to 5	17.44	0.45	1.40	0.00	0.00	21.69	19.62	17.44	9.10	12.91	####	####	11.59	10.45
6 to 6	2.00	0.48	1.02	0.00	0.00	45.34	48.94	2.00	1.10	1.08	####	####	2.78	2.99
6 to 7	9.51	0.51	1.05	0.00	0.00	45.81	43.13	9.51	5.58	5.27	####	####	13.34	12.53
6 to 8	23.95	0.44	1.17	0.00	0.00	42.26	41.31	23.95	12.20	14.72	####	####	30.99	30.22
6 to 9	36.98	0.41	1.06	0.00	0.00	39.79	38.04	36.98	17.29	20.77	####	####	45.05	42.96
6 to 10	44.72	0.40	1.08	0.00	0.00	38.66	36.90	44.72	20.66	25.42	####	####	52.93	50.40
6 to 11	82.56	0.96	2.03	0.00	0.00	34.98	35.51	82.56	90.90	87.09	####	####	89.42	89.55

B.M.+S.--Metallurgical Laboratory Report

6043-105				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	10.05	0.38	1.12			8.54	4.05	10.05	5.53	6.66	####	####	2.32	1.08
+150 M	8.76	0.60	1.90			14.04	12.33	8.76	8.62	9.85	####	####	3.31	2.85
+200 M	15.45	0.90	2.76			34.00	33.49	15.45	20.12	25.23	####	####	14.23	13.67
+270 M	17.63	0.80	2.18			43.34	44.90	17.63	20.41	22.74	####	####	20.69	20.91
+400 M	32.69	0.60	1.29			45.96	49.68	32.69	29.30	24.76	####	####	40.69	42.90
-400 M	15.42	0.76	1.18			43.72	45.63	15.42	16.96	10.77	####	####	18.26	18.59
+#1 Conc	1.90	0.50	0.82			47.22	49.38	1.90	1.37	0.92	####	####	2.43	2.48
+#2 C	5.98	0.54	0.39			46.53	48.81	5.98	4.67	3.11	####	####	7.54	7.71
+#3 C	3.93	0.50	1.04			43.38	45.24	3.93	2.34	2.42	####	####	4.59	4.49
+#4 C	1.56	0.50	1.04			37.50	39.51	1.56	1.13	0.96	####	####	1.53	1.53
+#5 C	0.44	0.68	1.44			36.00	40.98	0.44	0.43	0.37	####	####	0.43	0.48
-#5 C	1.61	2.79	3.13	0.00	0.00	38.67	42.43	1.61	6.50	2.98	####	####	1.69	1.80
Head (Asy)		0.76	1.34			36.40	35.79							
Head (Calc)	100.00	0.69	1.69	0.00	0.00	36.92	37.95	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	10.05	0.38	1.12	0.00	0.00	8.54	4.05	10.05	5.53	6.66	####	####	2.32	1.08
1 to 2	18.81	0.52	1.49	0.00	0.00	12.03	7.91	18.81	14.14	16.51	####	####	5.63	3.93
1 to 3	34.26	0.69	2.06	0.00	0.00	21.94	19.44	34.26	34.26	41.74	####	####	20.36	17.60
1 to 4	51.89	0.73	2.10	0.00	0.00	29.21	28.09	51.89	54.67	64.48	####	####	41.05	38.51
1 to 5	84.58	0.68	1.78	0.00	0.00	35.68	36.44	84.58	83.04	89.23	####	####	81.74	81.41
6 to 6	1.90	0.50	0.82	0.00	0.00	47.22	49.38	1.90	1.37	0.92	####	####	2.43	2.48
6 to 7	7.88	0.53	0.37	0.00	0.00	46.73	48.75	7.88	6.05	4.04	####	####	9.97	10.19
6 to 8	11.81	0.52	0.72	0.00	0.00	45.52	47.05	11.81	8.39	6.45	####	####	14.56	14.68
6 to 9	13.37	0.52	0.94	0.00	0.00	44.59	46.17	13.37	10.02	7.41	####	####	16.14	16.21
6 to 10	13.81	0.52	0.95	0.00	0.00	44.31	46.00	13.81	10.45	7.79	####	####	16.57	16.73
6 to 11	15.42	0.76	1.18	0.00	0.00	43.72	45.63	15.42	16.96	10.77	####	####	18.26	18.59

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	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.41	0.56	1.24			9.84	6.24	2.41	1.47	1.81	####	####	0.74	0.44
+150 M	2.71	0.72	1.36			15.12	10.30	2.71	2.12	2.23	####	####	1.27	0.82
+200 M	5.33	0.78	1.99			22.46	22.08	5.33	4.51	6.12	####	####	3.72	3.47
+270 M	6.55	0.32	1.40			30.78	32.39	6.55	5.32	5.54	####	####	6.26	6.25
+400 M	14.29	0.74	1.20			33.84	35.34	14.29	11.48	10.37	####	####	15.02	14.87
-400 M	68.71	1.00	1.79			34.20	36.64	68.71	74.59	72.93	####	####	72.99	74.15
+#1 Cone	3.77	0.76	1.68			48.52	50.19	3.77	3.11	3.83	####	####	5.68	5.57
+#2 C	6.17	0.56	0.96			44.14	50.19	6.17	3.75	3.58	####	####	8.46	9.12
+#3 C	9.83	0.59	1.08			39.50	40.30	9.83	6.19	6.42	####	####	12.06	11.67
+#4 C	9.49	0.54	1.06			35.56	35.17	9.49	5.56	6.08	####	####	10.48	9.83
+#5 C	6.86	0.52	1.24			33.58	32.79	6.86	3.87	4.31	####	####	7.16	6.66
-#5 C	32.59	1.47	2.52	0.00	0.00	28.83	32.60	32.59	52.11	49.71	####	####	29.15	31.29
Head (Asy)		0.98	1.48			33.28	34.07							
Head (Calc)	100.00	0.92	1.65	0.00	0.00	32.19	33.95	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.41	0.56	1.24	0.00	0.00	9.84	6.24	2.41	1.47	1.81	####	####	0.74	0.44
1 to 2	5.12	0.64	1.30	0.00	0.00	12.63	8.39	5.12	3.58	4.03	####	####	2.01	1.27
1 to 3	10.45	0.71	1.61	0.00	0.00	17.65	15.37	10.45	8.09	10.16	####	####	5.73	4.73
1 to 4	17.00	0.75	1.53	0.00	0.00	22.71	21.73	17.00	13.93	15.73	####	####	11.79	10.98
1 to 5	31.29	0.75	1.38	0.00	0.00	27.79	28.05	31.29	25.41	26.07	####	####	27.01	25.85
6 to 6	3.77	0.76	1.68	0.00	0.00	48.52	50.19	3.77	3.11	3.83	####	####	5.68	5.57
6 to 7	9.94	0.64	1.23	0.00	0.00	45.80	50.19	9.94	6.86	7.41	####	####	14.14	14.69
6 to 8	19.77	0.61	1.16	0.00	0.00	42.67	45.27	19.77	13.05	13.83	####	####	26.20	26.36
6 to 9	29.26	0.59	1.13	0.00	0.00	40.36	42.30	29.26	18.61	19.91	####	####	36.68	36.19
6 to 10	36.12	0.57	1.11	0.00	0.00	39.07	40.28	36.12	22.49	24.22	####	####	43.84	42.86
6 to 11	68.71	1.00	1.78	0.00	0.00	34.20	36.64	68.71	74.59	72.93	####	####	72.99	74.15

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Product		Assays						Distribution						
	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.32	0.46	0.90			7.68	2.94	0.32	0.15	0.18	####	####	0.08	0.03
+150 M	0.97	0.46	0.90			7.68	2.94	0.97	0.45	0.53	####	####	0.23	0.09
+200 M	3.26	0.52	0.90			10.14	5.13	3.26	1.71	1.83	####	####	1.01	0.51
+270 M	3.34	0.62	1.20			16.92	13.19	3.34	2.09	2.50	####	####	1.73	1.35
+400 M	12.59	0.70	1.30			29.86	29.67	12.59	8.90	10.52	####	####	11.52	11.44
-400 M	79.52	1.08	1.70			35.06	35.54	79.52	86.73	84.16	####	####	85.43	86.58
+#1 Conc	1.77	0.66	1.16			44.86	47.63	1.77	1.18	1.28	####	####	2.43	2.58
+#2 C	7.61	0.60	1.12			45.42	50.19	7.61	4.61	5.31	####	####	10.59	11.70
+#3 C	14.85	0.51	1.04			38.38	39.56	14.85	7.66	9.62	####	####	14.49	17.03
+#4 C	12.62	0.50	1.06			35.18	32.99	12.62	6.37	8.33	####	####	13.57	12.75
+#5 C	7.50	0.48	0.94			33.06	32.56	7.50	3.63	4.39	####	####	7.62	7.48
-#5 C	35.97	1.74	2.47	0.00	0.00	31.52	31.79	35.97	63.25	55.23	####	####	34.75	35.03
Head (Asy)		0.94	1.66			22.18	33.33							
Head (Calc)	100.00	0.99	1.61	0.00	0.00	32.43	32.64	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product		Assays						Distribution						
	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.32	0.46	0.90	0.00	0.00	7.68	2.94	0.32	0.15	0.18	####	####	0.08	0.03
1 to 2	1.29	0.46	0.90	0.00	0.00	7.68	2.94	1.29	0.60	0.71	####	####	0.30	0.12
1 to 3	4.55	0.50	0.89	0.00	0.00	9.46	4.51	4.55	2.31	2.53	####	####	1.32	0.63
1 to 4	7.89	0.55	1.02	0.00	0.00	12.62	8.18	7.89	4.40	5.03	####	####	3.05	1.98
1 to 5	20.48	0.64	1.24	0.00	0.00	23.22	21.39	20.48	13.30	15.54	####	####	14.57	13.42
6 to 6	1.77	0.66	1.16	0.00	0.00	44.36	47.63	1.77	1.18	1.28	####	####	2.43	2.58
6 to 7	9.38	0.61	1.13	0.00	0.00	45.31	49.71	9.38	5.79	6.58	####	####	13.02	14.28
6 to 8	23.43	0.57	1.11	0.00	0.00	41.11	43.62	23.43	13.45	16.21	####	####	27.51	31.31
6 to 9	36.05	0.54	1.09	0.00	0.00	39.20	39.90	36.05	19.82	24.53	####	####	43.09	44.07
6 to 10	43.55	0.53	1.07	0.00	0.00	37.78	38.64	43.55	23.45	28.92	####	####	50.68	51.55
6 to 11	79.52	1.08	1.70	0.00	0.00	35.06	35.54	79.52	86.70	84.16	####	####	85.43	86.58

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6043-108				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	11.40	0.50	1.28			9.14	4.23	11.40	7.23	8.62	####	####	2.90	1.30
+150 M	9.73	0.86	2.42			13.26	15.22	9.73	10.61	13.90	####	####	4.95	3.99
-200 M	15.30	0.98	2.62			34.80	35.95	15.30	19.01	23.67	####	####	14.34	14.23
+270 M	18.64	0.88	1.86			42.82	45.67	18.64	20.30	20.47	####	####	22.25	22.75
+400 M	27.20	0.72	1.32			44.68	47.57	27.20	24.83	21.20	####	####	33.88	34.89
-400 M	17.73	0.78	1.14			42.24	46.09	17.73	17.53	12.14	####	####	21.17	22.03
+#1 Conc	3.12	0.60	0.88			47.24	50.95	3.12	2.37	1.62	####	####	4.11	4.29
+#2 C	6.98	0.62	0.84			46.90	50.88	6.98	5.49	3.46	####	####	9.13	9.58
+#3 C	4.03	0.54	0.76			40.44	42.46	4.03	2.76	1.81	####	####	4.54	4.61
+#4 C	1.57	0.56	1.00			35.86	36.59	1.57	1.11	0.93	####	####	1.57	1.55
+#5 C	0.41	0.72	0.38			34.38	31.11	0.41	0.37	0.21	####	####	0.40	0.34
-#5 C	1.62	2.64	4.30	0.00	0.00	31.62	33.13	1.62	5.43	4.11	####	####	1.43	1.67
Head (Asy)		0.86	1.26			37.00	39.10							
Head (Calc)	100.00	0.79	1.69	0.00	0.00	35.27	37.09	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	cpt Ag	% Fe	% S	Wt %	% Pt	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	11.40	0.50	1.23	0.00	0.00	9.14	4.23	11.40	7.23	8.62	####	####	2.90	1.30
1 to 2	21.13	0.67	1.80	0.00	0.00	13.34	9.29	21.13	17.82	22.52	####	####	7.86	5.29
1 to 3	36.43	0.80	2.15	0.00	0.00	22.35	20.49	36.43	36.84	46.19	####	####	22.70	20.12
1 to 4	55.07	0.83	2.05	0.00	0.00	29.29	29.01	55.07	57.64	66.66	####	####	44.95	43.08
1 to 5	82.27	0.79	1.81	0.00	0.00	34.37	35.15	82.27	82.47	87.86	####	####	78.83	77.97
6 to 6	3.12	0.60	0.88	0.00	0.00	47.24	50.95	3.12	2.37	1.62	####	####	4.11	4.29
6 to 7	10.10	0.61	0.85	0.00	0.00	47.01	50.90	10.10	7.86	5.08	####	####	13.23	13.86
6 to 8	14.13	0.59	0.83	0.00	0.00	45.13	48.49	14.13	10.62	6.89	####	####	17.78	18.48
6 to 9	15.70	0.59	0.84	0.00	0.00	44.21	47.20	15.70	11.73	7.82	####	####	19.35	20.02
6 to 10	16.11	0.59	0.84	0.00	0.00	43.97	46.89	16.11	12.11	8.03	####	####	19.75	20.37
6 to 11	17.73	0.73	1.16	0.00	0.00	42.34	46.39	17.73	17.53	12.14	####	####	21.17	22.03

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6043-109				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.78	0.58	1.28			10.00	5.05	2.78	1.36	2.30	####	####	0.90	0.43
+150 M	3.16	0.78	1.78			13.64	10.51	3.16	2.08	3.64	####	####	1.42	1.02
+200 M	5.98	0.86	2.50			11.04	21.03	5.99	4.34	9.67	####	####	2.14	3.88
+270 M	6.81	1.00	1.92			30.20	31.12	6.81	5.74	8.46	####	####	6.77	6.53
+400 M	13.72	0.94	1.76			33.70	34.48	13.72	10.87	15.62	####	####	15.24	14.58
-400 M	67.55	1.32	1.38			33.72	35.32	67.55	75.12	60.31	####	####	73.36	73.55
+#1 Conc	2.69	0.90	0.98			45.08	51.72	2.69	2.03	1.70	####	####	3.92	4.27
+#2 C	7.34	0.88	1.32			45.80	50.88	7.34	5.44	6.27	####	####	10.90	11.51
+#3 C	12.14	0.74	1.10			36.60	39.10	12.14	7.57	8.64	####	####	14.41	14.63
+#4 C	10.60	0.64	0.99			33.30	33.64	10.60	5.72	6.72	####	####	11.45	10.99
+#5 C	6.05	0.64	0.86			30.30	29.67	6.05	3.26	3.37	####	####	5.94	5.53
-#5 C	28.74	2.11	1.31	0.00	0.00	29.23	33.03	28.74	51.10	33.61	####	####	27.24	29.61
Head (Asy)		1.22	1.48			22.04	32.24							
Head (Calc)	100.00	1.19	1.55	0.00	0.00	30.34	32.44	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.78	0.58	1.28	0.00	0.00	10.00	5.05	2.78	1.36	2.30	####	####	0.90	0.43
1 to 2	5.94	0.69	1.55	0.00	0.00	11.94	7.95	5.94	3.44	5.94	####	####	2.30	1.46
1 to 3	11.92	0.82	2.02	0.00	0.00	11.49	14.51	11.92	8.27	15.61	####	####	4.44	5.33
1 to 4	18.73	0.89	1.99	0.00	0.00	18.29	20.55	18.73	14.01	24.07	####	####	11.11	11.87
1 to 5	32.45	0.91	1.89	0.00	0.00	24.35	26.44	32.45	24.88	39.69	####	####	26.14	26.45
6 to 6	2.68	0.90	0.98	0.00	0.00	45.08	51.72	2.68	2.03	1.70	####	####	3.92	4.27
6 to 7	10.02	0.89	1.23	0.00	0.00	45.61	51.10	10.02	7.47	7.97	####	####	14.82	15.79
6 to 8	22.16	0.81	1.16	0.00	0.00	40.67	44.53	22.16	15.04	16.61	####	####	29.22	30.42
6 to 9	32.76	0.75	1.10	0.00	0.00	38.29	41.01	32.76	20.76	23.33	####	####	40.67	41.41
6 to 10	38.81	0.73	1.06	0.00	0.00	37.04	39.24	38.81	24.02	26.69	####	####	46.61	46.74
6 to 11	67.55	1.32	1.38	0.00	0.00	33.72	35.22	67.55	75.12	60.31	####	####	73.36	73.55

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6043-110

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.59	0.46	1.30			8.86	3.66	0.59	0.22	0.47	####	####	0.19	0.07
+150 M	1.51	0.46	1.30			8.86	3.66	1.51	0.56	1.20	####	####	0.46	0.19
+200 M	3.81	0.54	1.52			11.20	6.22	3.81	1.65	3.55	####	####	1.48	0.77
+270 M	4.19	0.72	1.88			17.12	14.29	4.19	2.42	4.82	####	####	2.48	1.93
+400 M	11.07	0.90	2.02			28.34	27.13	11.07	7.79	13.69	####	####	10.85	10.40
-400 M	78.83	1.38	1.58			31.02	34.07	78.83	87.18	76.27	####	####	84.55	86.65
+#1 Cone	2.39	0.84	1.40			43.08	48.00	2.39	1.61	2.05	####	####	3.56	3.70
+#2 C	7.52	0.80	1.44			44.20	51.29	7.52	4.82	6.63	####	####	11.49	12.44
+#3 C	14.06	0.56	1.54			36.70	40.36	14.06	7.44	13.26	####	####	17.34	18.21
+#4 C	12.62	0.59	1.14			33.23	31.37	12.62	5.37	8.31	####	####	14.52	12.78
+#5 C	7.42	0.56	0.90			30.40	23.40	7.42	3.33	4.09	####	####	7.90	6.00
-#5 C	34.82	2.30	1.94	0.00	0.00	24.37	29.03	34.82	64.11	41.43	####	####	29.34	32.62
Head (Asy)		1.24	1.60			30.38	32.14							
Head (Calc)	100.00	1.25	1.63	0.00	0.00	28.92	31.00	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.59	0.46	1.30	0.00	0.00	8.86	3.66	0.59	0.22	0.47	####	####	0.19	0.07
1 to 2	2.10	0.46	1.30	0.00	0.00	8.86	3.66	2.10	0.77	1.67	####	####	0.64	0.25
1 to 3	5.91	0.51	1.44	0.00	0.00	10.37	5.32	5.91	2.42	5.22	####	####	2.12	1.01
1 to 4	10.10	0.60	1.62	0.00	0.00	13.17	9.04	10.10	4.84	10.04	####	####	4.60	2.95
1 to 5	21.17	0.76	1.83	0.00	0.00	21.10	19.54	21.17	12.32	23.73	####	####	15.45	13.35
6 to 6	2.39	0.84	1.40	0.00	0.00	43.08	48.00	2.39	1.61	2.05	####	####	3.56	3.70
6 to 7	9.91	0.81	1.43	0.00	0.00	43.93	50.50	9.91	6.43	8.68	####	####	15.05	16.15
6 to 8	23.97	0.72	1.49	0.00	0.00	39.69	44.55	23.97	13.87	21.94	####	####	32.90	34.45
6 to 9	36.59	0.67	1.27	0.00	0.00	37.48	40.01	36.59	19.73	30.75	####	####	47.42	47.23
6 to 10	44.01	0.65	1.29	0.00	0.00	36.29	38.05	44.01	23.06	34.84	####	####	55.22	54.03
6 to 11	78.83	1.38	1.59	0.00	0.00	31.02	34.07	78.83	87.18	76.27	####	####	84.55	86.65

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6043-111		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	12.98	0.54	1.36			8.96	4.96	12.98	6.61	8.19	####	####	3.43	1.75
+150 M	10.27	0.96	2.62			16.20	13.83	10.27	7.30	12.49	####	####	4.91	3.93
+200 M	17.31	1.32	3.40			31.80	34.01	17.31	21.56	27.32	####	####	16.25	16.27
+270 M	16.08	1.24	2.52			41.20	45.22	16.08	13.81	18.81	####	####	19.56	20.12
+400 M	27.73	1.04	1.60			44.10	49.33	27.73	27.21	23.17	####	####	36.10	37.86
-400 M	15.63	1.12	1.38			42.80	46.34	15.63	16.51	10.01	####	####	19.75	20.05
+#1 Conc	2.05	0.86	0.80			46.60	51.44	2.05	1.66	0.76	####	####	2.32	2.92
+#2 C	5.96	0.88	1.35			45.94	49.51	5.96	4.95	3.76	####	####	6.03	8.17
+#3 C	4.02	0.84	1.54			42.44	45.12	4.02	3.19	2.37	####	####	5.04	5.02
+#4 C	1.61	0.76	1.53			35.92	37.00	1.61	1.15	1.15	####	####	1.71	1.65
+#5 C	0.53	0.30	1.24			36.40	38.00	0.53	0.40	0.31	####	####	0.57	0.56
-#5 C	1.46	3.75	1.71	0.00	0.00	35.55	42.92	1.46	5.16	1.16	####	####	1.53	1.73
Head (Asy)		1.12	2.30			35.56	37.37							
Head (Calc)	100.00	1.04	2.15	0.00	0.00	33.87	36.13	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	12.98	0.54	1.36	0.00	0.00	8.96	4.96	12.98	6.61	8.19	####	####	3.43	1.75
1 to 2	23.25	0.73	1.92	0.00	0.00	12.16	8.32	23.25	15.91	20.69	####	####	8.34	5.68
1 to 3	40.56	0.98	2.55	0.00	0.00	20.54	19.57	40.56	37.47	48.01	####	####	24.59	21.97
1 to 4	56.64	1.05	2.54	0.00	0.00	26.41	26.85	56.64	56.28	66.32	####	####	44.15	42.09
1 to 5	84.37	1.05	2.30	0.00	0.00	32.22	34.24	84.37	82.49	89.99	####	####	80.25	79.95
6 to 6	2.05	0.86	0.80	0.00	0.00	46.60	51.44	2.05	1.66	0.76	####	####	2.32	2.92
6 to 7	8.01	0.87	1.22	0.00	0.00	46.11	50.00	8.01	6.61	4.52	####	####	10.90	11.09
6 to 8	12.03	0.86	1.32	0.00	0.00	44.88	48.37	12.03	9.80	7.40	####	####	15.94	16.11
6 to 9	13.64	0.85	1.35	0.00	0.00	43.82	47.32	13.64	10.95	8.55	####	####	17.65	17.75
6 to 10	14.17	0.85	1.35	0.00	0.00	43.55	46.69	14.17	11.35	8.95	####	####	18.22	18.31
6 to 11	15.63	1.12	1.38	0.00	0.00	42.80	46.34	15.63	16.51	10.01	####	####	19.75	20.05

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6043-112			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.76	0.54	1.30			9.36	4.63	2.76	1.27	2.33	####	####	0.79	0.40
+150 M	3.22	0.76	1.36			13.76	10.10	3.22	2.09	3.89	####	####	1.36	1.01
+200 M	6.16	0.96	2.66			22.12	21.44	6.16	5.05	10.64	####	####	4.19	4.11
+270 M	6.89	1.02	2.29			30.90	30.90	6.89	6.00	10.20	####	####	6.54	6.63
+400 M	13.92	0.94	1.42			34.30	34.48	13.92	11.17	12.34	####	####	14.67	14.75
-400 M	67.05	1.30	1.38			35.18	34.90	67.05	74.42	60.10	####	####	72.45	72.39
+#1 Conc	1.78	0.74	1.20			46.26	50.03	1.78	1.12	1.39	####	####	2.53	2.77
+#2 C	6.58	0.90	1.44			46.10	49.62	6.58	4.49	6.15	####	####	9.32	10.17
+#3 C	11.58	0.68	1.16			33.52	38.69	11.58	6.72	8.72	####	####	13.70	13.96
+#4 C	10.69	0.56	0.96			32.72	31.53	10.69	5.11	6.67	####	####	10.74	10.50
+#5 C	6.25	0.56	0.98			31.60	29.35	6.25	2.99	3.98	####	####	6.07	5.81
-#5 C	30.17	2.10	1.69	0.00	0.00	32.48	31.58	30.17	53.98	23.19	####	####	30.10	29.68
Head (Asy)		1.16	1.62			32.34	31.96							
Head (Calc)	100.00	1.17	1.54	0.00	0.00	32.56	32.10	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.76	0.54	1.30	0.00	0.00	9.36	4.63	2.76	1.27	2.33	####	####	0.79	0.40
1 to 2	5.98	0.66	1.60	0.00	0.00	11.73	7.58	5.98	3.36	6.22	####	####	2.15	1.41
1 to 3	12.14	0.81	2.14	0.00	0.00	17.00	14.61	12.14	8.41	16.86	####	####	6.34	5.53
1 to 4	19.03	0.89	2.19	0.00	0.00	22.03	20.51	19.03	14.41	27.07	####	####	12.88	12.16
1 to 5	32.95	0.91	1.86	0.00	0.00	27.22	26.41	32.95	25.53	39.90	####	####	27.55	27.11
6 to 6	1.78	0.74	1.20	0.00	0.00	46.26	50.03	1.78	1.12	1.39	####	####	2.53	2.77
6 to 7	8.36	0.79	1.39	0.00	0.00	46.13	49.71	8.36	5.62	7.54	####	####	11.85	12.94
6 to 8	19.94	0.72	1.26	0.00	0.00	41.71	43.31	19.94	12.34	16.27	####	####	25.55	26.90
6 to 9	30.63	0.67	1.15	0.00	0.00	38.57	39.20	30.63	17.45	22.93	####	####	36.29	37.40
6 to 10	36.88	0.65	1.12	0.00	0.00	37.39	37.61	36.88	20.44	26.91	####	####	42.36	43.21
6 to 11	67.05	1.30	1.38	0.00	0.00	35.18	34.90	67.05	74.42	60.10	####	####	72.45	72.89

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6043-113				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.52	0.44	1.20			7.88	4.16	0.52	0.19	0.40	####	####	0.13	0.07
+150 M	1.41	0.44	1.20			7.88	4.16	1.41	0.53	1.09	####	####	0.36	0.19
+200 M	3.69	0.48	1.10			10.14	6.24	3.69	1.50	2.62	####	####	1.20	0.75
+270 M	3.75	0.64	2.10			16.64	14.34	3.75	2.03	5.09	####	####	2.00	1.74
+400 M	12.71	0.80	1.86			27.76	27.02	12.71	8.61	15.27	####	####	11.30	11.13
-400 M	77.92	1.32	1.50			34.08	34.09	77.92	87.13	75.52	####	####	85.02	86.12
+#1 Conc	1.28	0.74	1.44			45.12	49.89	1.28	0.80	1.19	####	####	1.85	2.07
+#2 C	5.93	0.80	1.30			46.62	51.79	5.93	4.02	4.98	####	####	8.85	10.03
-#3 C	13.24	0.70	1.52			39.90	40.75	13.24	7.85	13.00	####	####	16.91	17.49
+#4 C	12.90	0.62	1.92			34.58	31.18	12.90	6.78	16.00	####	####	14.28	13.04
+#5 C	7.71	0.60	0.74			31.12	30.35	7.71	3.92	3.69	####	####	7.68	7.59
-#5 C	36.86	2.04	1.54	0.00	0.00	30.03	30.07	36.86	63.77	36.65	####	####	35.44	35.73
Head (Asy)		1.22	1.18			31.38	29.92							
Head (Calc)	100.00	1.18	1.55	0.00	0.00	31.23	30.25	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.52	0.44	1.20	0.00	0.00	7.88	4.16	0.52	0.19	0.40	####	####	0.13	0.07
1 to 2	1.93	0.44	1.20	0.00	0.00	7.88	4.16	1.93	0.72	1.50	####	####	0.49	0.26
1 to 3	5.62	0.47	1.13	0.00	0.00	9.36	5.53	5.62	2.22	4.12	####	####	1.69	1.01
1 to 4	9.37	0.54	1.52	0.00	0.00	12.28	9.05	9.37	4.25	9.21	####	####	3.63	2.75
1 to 5	22.08	0.69	1.72	0.00	0.00	21.19	19.40	22.08	12.87	24.48	####	####	14.98	13.88
6 to 6	1.28	0.74	1.44	0.00	0.00	45.12	49.89	1.28	0.80	1.19	####	####	1.85	2.07
6 to 7	7.21	0.79	1.32	0.00	0.00	46.35	51.62	7.21	4.82	6.17	####	####	10.70	12.30
6 to 8	20.45	0.73	1.45	0.00	0.00	42.18	44.59	20.45	12.67	19.17	####	####	27.61	29.56
6 to 9	33.35	0.69	1.63	0.00	0.00	39.24	39.40	33.35	19.45	35.18	####	####	41.90	42.60
6 to 10	41.06	0.67	1.46	0.00	0.00	37.71	37.70	41.06	23.37	38.86	####	####	49.58	51.18
6 to 11	77.92	1.32	1.50	0.00	0.00	34.08	34.09	77.92	87.13	75.52	####	####	85.02	86.12

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6043-114				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	13.78	0.58	1.22			8.24	7.28	13.78	7.79	8.43	####	####	3.57	2.73
+150 M	11.00	0.96	2.40			16.28	14.56	11.00	10.29	13.24	####	####	5.63	4.36
+200 M	16.15	1.26	3.12			30.56	34.39	16.15	19.82	25.28	####	####	15.52	15.13
+270 M	17.52	1.24	2.34			39.06	47.28	17.52	21.16	20.57	####	####	21.51	22.57
+400 M	24.05	1.02	1.60			41.68	49.71	24.05	23.90	19.31	####	####	31.51	32.57
-400 M	17.50	1.00	1.50			40.46	47.46	17.50	17.05	13.17	####	####	22.26	22.63
+#1 Conc	2.48	0.88	0.86			44.50	52.70	2.48	2.13	1.07	####	####	3.47	3.56
+#2 C	6.87	0.88	1.34			44.68	52.32	6.87	5.39	4.62	####	####	9.65	9.79
+#3 C	4.28	0.82	1.30			39.28	44.48	4.28	3.42	2.79	####	####	5.29	5.19
+#4 C	1.74	0.74	1.18			33.86	37.37	1.74	1.25	1.03	####	####	1.85	1.77
+#5 C	0.55	0.30	1.33			32.44	32.52	0.55	0.43	0.38	####	####	0.56	0.49
-#5 C	1.58	2.55	4.14	0.00	0.00	29.03	42.49	1.58	3.93	3.23	####	####	1.44	1.83
Head (Asy)		1.10	2.48			32.50	37.00							
Head (Calc)	100.00	1.03	1.99	0.00	0.00	31.91	36.70	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	13.78	0.58	1.22	0.00	0.00	8.24	7.28	13.78	7.79	8.43	####	####	3.57	2.73
1 to 2	24.78	0.75	1.74	0.00	0.00	11.81	10.51	24.78	18.07	21.68	####	####	9.20	7.10
1 to 3	40.93	0.95	2.29	0.00	0.00	19.21	19.93	40.93	37.89	46.96	####	####	24.71	22.23
1 to 4	58.45	1.04	2.30	0.00	0.00	25.16	28.13	58.45	59.06	67.53	####	####	46.23	44.80
1 to 5	82.50	1.03	2.10	0.00	0.00	29.97	34.42	82.50	82.95	86.83	####	####	77.74	77.37
6 to 6	2.48	0.88	0.86	0.00	0.00	44.50	52.70	2.48	2.13	1.07	####	####	3.47	3.56
6 to 7	9.35	0.88	1.21	0.00	0.00	44.63	52.42	9.35	8.02	5.69	####	####	13.12	13.35
6 to 8	13.63	0.86	1.24	0.00	0.00	42.95	49.93	13.63	11.43	8.48	####	####	18.40	18.54
6 to 9	15.37	0.85	1.23	0.00	0.00	41.92	48.51	15.37	12.69	9.51	####	####	20.26	20.31
6 to 10	15.92	0.85	1.24	0.00	0.00	41.59	47.95	15.92	13.12	9.89	####	####	20.82	20.80
6 to 11	17.50	1.00	1.50	0.00	0.00	40.46	47.46	17.50	17.05	13.17	####	####	22.26	22.63

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6043-115				Assays								Distribution			
Product		Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100	M	2.78	0.82	2.30			17.40	14.20	2.78	2.37	3.36	####	####	1.36	1.06
+150	M	3.06	0.94	3.04			21.56	20.98	3.06	2.99	4.89	####	####	1.86	1.72
+200	M	6.66	1.00	3.26			29.04	29.94	6.66	6.92	11.41	####	####	5.44	5.34
+270	M	6.94	0.92	2.62			34.40	34.76	6.94	6.63	9.56	####	####	6.72	6.46
+400	M	17.08	0.78	2.16			37.36	39.29	17.08	13.84	19.39	####	####	17.95	17.97
-400	M	63.48	1.02	1.54			37.34	39.67	63.48	67.26	51.39	####	####	66.68	67.45
+#1	Conc	1.25	0.56	1.58			45.68	50.64	1.25	0.73	1.04	####	####	1.61	1.70
+#2	C	6.71	0.59	1.42			46.36	50.03	6.71	4.04	5.01	####	####	8.75	8.99
+#3	C	12.18	0.50	1.10			40.86	45.01	12.18	6.33	7.04	####	####	14.00	14.68
+#4	C	10.52	0.44	0.94			37.34	38.14	10.52	4.81	5.20	####	####	11.05	10.75
+#5	C	6.03	0.46	0.90			35.16	35.29	6.03	2.88	2.85	####	####	5.96	5.70
-#5	C	26.79	1.74	2.15	0.00	0.00	33.58	35.72	26.79	48.47	30.25	####	####	25.31	25.63
Head	(Asy)		0.98	1.84			34.92	37.58							
Head	(Calc)	100.00	0.96	1.90	0.00	0.00	35.55	37.34	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.78	0.82	2.30	0.00	0.00	17.40	14.20	2.78	2.37	3.36	####	####	1.36	1.06
1 to 2	5.84	0.88	2.69	0.00	0.00	19.58	17.75	5.84	5.36	8.25	####	####	3.22	2.78
1 to 3	12.50	0.95	2.99	0.00	0.00	24.62	24.25	12.50	12.27	19.66	####	####	8.66	8.12
1 to 4	19.44	0.94	2.86	0.00	0.00	28.11	28.00	19.44	18.91	29.22	####	####	15.37	14.58
1 to 5	36.52	0.86	2.53	0.00	0.00	32.44	33.28	36.52	32.74	48.61	####	####	33.32	32.55
6 to 6	1.25	0.56	1.58	0.00	0.00	45.68	50.64	1.25	0.73	1.04	####	####	1.61	1.70
6 to 7	7.96	0.58	1.45	0.00	0.00	46.25	50.13	7.96	4.77	6.05	####	####	10.36	10.69
6 to 8	20.14	0.53	1.24	0.00	0.00	42.99	47.03	20.14	11.10	13.09	####	####	24.36	25.37
6 to 9	30.66	0.50	1.13	0.00	0.00	41.05	43.98	30.66	15.90	18.29	####	####	35.41	36.12
6 to 10	36.69	0.49	1.10	0.00	0.00	40.08	42.55	36.69	18.78	21.14	####	####	41.37	41.82
6 to 11	63.48	1.02	1.54	0.00	0.00	37.34	39.67	63.48	67.26	51.39	####	####	66.68	67.45

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6043-116				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.31	0.58	1.10			13.68	10.30	0.31	0.18	0.22	####	####	0.12	0.09
+150 M	0.93	0.58	1.10			13.68	10.30	0.93	0.54	0.67	####	####	0.37	0.23
+200 M	2.59	0.58	1.36			12.02	8.77	2.59	1.50	2.32	####	####	0.91	0.65
+270 M	3.13	0.70	1.66			18.10	16.03	3.13	2.19	3.42	####	####	1.66	1.45
+400 M	9.41	0.74	1.76			28.79	29.31	9.41	6.96	10.89	####	####	7.94	7.95
-400 M	83.63	1.06	1.50			36.30	37.17	83.63	88.63	82.48	####	####	88.99	89.58
+#1 Conc	1.86	0.76	1.28			42.76	44.07	1.86	1.41	1.57	####	####	2.33	2.36
+#2 C	7.13	0.62	1.48			45.18	50.10	7.13	4.42	6.94	####	####	9.44	10.29
+#3 C	14.72	0.54	1.42			39.98	38.81	14.72	7.95	13.74	####	####	17.25	16.46
+#4 C	13.61	0.48	1.10			36.40	38.36	13.61	6.53	9.84	####	####	14.52	15.05
+#5 C	8.04	0.48	0.90			34.62	34.75	8.04	3.86	4.76	####	####	8.16	8.35
-#5 C	38.27	1.68	1.81	0.00	0.00	33.23	33.88	38.27	64.46	45.63	####	####	37.28	37.37
Head (Asy)		1.02	1.60			33.70	37.00							
Head (Calc)	100.00	1.00	1.52	0.00	0.00	34.11	34.70	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.31	0.58	1.10	0.00	0.00	13.68	10.30	0.31	0.18	0.22	####	####	0.12	0.09
1 to 2	1.24	0.58	1.10	0.00	0.00	13.68	10.30	1.24	0.72	0.90	####	####	0.50	0.37
1 to 3	3.83	0.58	1.28	0.00	0.00	12.56	9.27	3.83	2.22	3.21	####	####	1.41	1.02
1 to 4	6.96	0.63	1.45	0.00	0.00	15.05	12.31	6.96	4.41	6.63	####	####	3.07	2.47
1 to 5	16.37	0.69	1.63	0.00	0.00	22.94	22.38	16.37	11.37	17.52	####	####	11.01	10.42
6 to 6	1.86	0.76	1.28	0.00	0.00	42.76	44.07	1.86	1.41	1.57	####	####	2.33	2.36
6 to 7	8.99	0.65	1.44	0.00	0.00	44.68	48.35	8.99	5.83	8.50	####	####	11.77	12.66
6 to 8	23.71	0.58	1.43	0.00	0.00	41.76	42.62	23.71	13.78	22.25	####	####	29.03	29.12
6 to 9	37.32	0.54	1.31	0.00	0.00	39.31	41.07	37.32	20.31	32.09	####	####	43.55	44.17
6 to 10	45.36	0.53	1.24	0.00	0.00	38.89	39.95	45.36	24.17	36.85	####	####	51.71	52.22
6 to 11	83.63	1.06	1.50	0.00	0.00	36.30	37.17	83.63	88.63	82.48	####	####	88.99	89.58

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6043-117

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	7.48	0.76	2.26			14.34	12.63	7.48	6.04	7.61	####	####	2.71	2.21
+150 M	8.14	1.02	3.16			22.32	23.02	8.14	8.82	11.58	####	####	4.59	4.39
+200 M	16.24	1.16	3.54			35.60	41.96	16.24	20.02	25.88	####	####	14.68	15.96
+270 M	16.45	1.04	2.84			43.56	46.25	16.45	18.18	21.03	####	####	18.10	17.82
+400 M	32.76	0.84	1.64			46.44	50.35	32.76	29.24	24.19	####	####	38.42	38.62
-400 M	18.93	0.88	1.14			44.98	47.38	18.93	17.70	9.71	####	####	21.50	21.00
+#1 Cons	1.61	0.68	1.02			46.94	50.89	1.61	1.16	0.74	####	####	1.91	1.92
+#2 C	7.71	0.70	1.12			47.68	49.67	7.71	5.73	3.89	####	####	9.23	8.97
+#3 C	5.41	0.68	1.28			45.84	49.63	5.41	3.91	3.12	####	####	6.26	6.29
+#4 C	1.89	0.66	0.92			40.22	41.52	1.89	1.33	0.78	####	####	1.92	1.84
+#5 C	0.54	0.92	1.02			36.36	37.00	0.54	0.53	0.25	####	####	0.50	0.47
-#5 C	1.77	2.68	1.18	0.00	0.00	36.52	36.76	1.77	5.04	0.94	####	####	1.63	1.52
Head (Asy)		1.00	2.32			37.00	40.64							
Head (Calc)	100.00	0.94	2.22	0.00	0.00	39.60	42.70	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	7.48	0.76	2.26	0.00	0.00	14.34	12.63	7.48	6.04	7.61	####	####	2.71	2.21
1 to 2	15.62	0.90	2.73	0.00	0.00	18.50	18.04	15.62	14.86	19.19	####	####	7.30	6.60
1 to 3	31.86	1.03	3.14	0.00	0.00	27.32	30.23	31.86	34.88	45.07	####	####	21.98	22.56
1 to 4	48.31	1.03	3.04	0.00	0.00	32.85	35.69	48.31	53.06	66.10	####	####	40.08	40.37
1 to 5	81.07	0.96	2.47	0.00	0.00	38.34	41.61	81.07	82.30	90.29	####	####	78.50	79.00
6 to 6	1.61	0.68	1.02	0.00	0.00	46.94	50.89	1.61	1.16	0.74	####	####	1.91	1.92
6 to 7	9.32	0.70	1.10	0.00	0.00	47.55	49.88	9.32	6.90	4.63	####	####	11.19	10.89
6 to 8	14.73	0.69	1.17	0.00	0.00	46.92	49.79	14.73	10.81	7.74	####	####	17.46	17.17
6 to 9	16.62	0.69	1.14	0.00	0.00	46.16	48.85	16.62	12.13	8.53	####	####	19.37	19.01
6 to 10	17.16	0.69	1.14	0.00	0.00	45.85	48.48	17.16	12.66	8.77	####	####	19.87	19.48
6 to 11	18.93	0.88	1.14	0.00	0.00	44.98	47.38	18.93	17.70	9.71	####	####	21.50	21.00

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6843-118			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.58	0.80	2.24			14.88	12.63	2.58	2.22	3.46	####	####	1.04	0.87
+150 M	3.27	1.00	3.06			22.24	20.76	3.27	3.51	6.00	####	####	1.97	1.82
+200 M	6.59	1.08	3.38			30.04	30.24	6.59	7.64	13.35	####	####	5.35	5.34
+270 M	7.44	0.96	2.68			36.46	39.26	7.44	7.67	11.95	####	####	7.34	7.83
+400 M	15.08	0.82	1.96			39.74	38.81	15.08	13.28	17.71	####	####	16.21	15.68
-400 M	65.04	0.94	1.22			38.72	39.29	65.04	65.67	47.54	####	####	68.10	68.46
+#1 Conc	1.89	0.68	1.18			47.92	50.50	1.89	1.38	1.34	####	####	2.45	2.56
+#2 C	8.26	0.62	1.14			46.98	50.02	8.26	5.50	5.64	####	####	10.49	11.07
+#3 C	12.57	0.54	1.24			41.90	43.49	12.57	7.29	9.34	####	####	14.24	14.65
+#4 C	10.38	0.48	0.86			38.74	36.64	10.38	5.35	5.35	####	####	10.87	10.19
+#5 C	5.95	0.46	0.78			35.88	33.00	5.95	2.94	2.78	####	####	5.77	5.26
-#5 C	25.99	1.55	1.48	0.00	0.00	34.53	35.53	25.99	43.21	23.10	####	####	24.27	24.74
Head (Asy)		1.00	1.82			37.02	35.72							
Head (Calc)	100.00	0.93	1.67	0.00	0.00	36.96	37.33	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.58	0.80	2.24	0.00	0.00	14.88	12.63	2.58	2.22	3.46	####	####	1.04	0.87
1 to 2	5.85	0.91	2.70	0.00	0.00	18.99	17.17	5.85	5.73	9.46	####	####	3.00	2.69
1 to 3	12.44	1.00	3.06	0.00	0.00	24.85	24.10	12.44	13.37	22.80	####	####	8.36	8.03
1 to 4	19.88	0.99	2.92	0.00	0.00	29.19	29.77	19.88	21.05	34.75	####	####	15.69	15.86
1 to 5	34.96	0.91	2.50	0.00	0.00	33.74	33.67	34.96	34.32	52.47	####	####	31.90	31.54
6 to 6	1.89	0.68	1.18	0.00	0.00	47.92	50.50	1.89	1.38	1.34	####	####	2.45	2.56
6 to 7	10.15	0.63	1.15	0.00	0.00	47.16	50.11	10.15	6.88	6.98	####	####	12.94	13.63
6 to 8	22.72	0.55	1.20	0.00	0.00	44.25	46.45	22.72	14.17	16.32	####	####	27.19	28.27
6 to 9	33.10	0.55	1.09	0.00	0.00	42.52	43.37	33.10	19.52	21.67	####	####	38.06	38.46
6 to 10	39.05	0.54	1.04	0.00	0.00	41.51	41.79	39.05	22.46	24.45	####	####	43.83	43.72
6 to 11	65.04	0.94	1.22	0.00	0.00	38.72	39.29	65.04	65.67	47.54	####	####	68.10	68.46

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6043-119		Assays									Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.20	0.58	1.28			10.80	7.15	0.20	0.10	0.11	####	####	0.06	0.04
+150 M	0.41	0.58	1.28			10.80	7.15	0.41	0.20	0.23	####	####	0.13	0.08
+200 M	2.46	0.58	1.28			10.80	7.15	2.46	1.19	1.40	####	####	0.77	0.50
+270 M	2.68	0.70	2.26			16.96	14.29	2.68	1.56	2.70	####	####	1.33	1.08
+400 M	10.67	0.90	3.00			29.98	28.21	10.67	7.99	14.28	####	####	9.33	8.47
-400 M	83.58	1.28	2.18			36.27	38.18	83.58	88.97	81.27	####	####	88.38	89.83
+#1 Conc	1.59	0.82	1.70			46.42	48.36	1.59	1.08	1.21	####	####	2.15	2.16
+#2 C	7.25	0.82	2.14			46.72	49.09	7.25	4.94	6.92	####	####	9.88	10.02
+#3 C	15.35	0.74	1.98			43.08	41.76	15.35	9.45	13.56	####	####	19.28	18.04
+#4 C	13.93	0.68	1.24			35.91	39.00	13.93	7.88	7.70	####	####	14.58	15.29
+#5 C	8.03	0.68	1.22			37.26	34.44	8.03	4.54	4.37	####	####	8.72	7.79
-#5 C	37.43	1.96	2.85	0.00	0.00	30.94	34.66	37.43	61.08	47.51	####	####	33.77	36.52
Head (Asy)		1.20	2.26			35.42	34.07							
Head (Calc)	100.00	1.20	2.24	0.00	0.00	34.30	35.52	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays									Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.20	0.58	1.28	0.00	0.00	10.80	7.15	0.20	0.10	0.11	####	####	0.06	0.04
1 to 2	0.61	0.58	1.28	0.00	0.00	10.80	7.15	0.61	0.29	0.35	####	####	0.19	0.12
1 to 3	3.07	0.58	1.28	0.00	0.00	10.80	7.15	3.07	1.48	1.75	####	####	0.97	0.62
1 to 4	5.75	0.64	1.74	0.00	0.00	13.67	10.48	5.75	3.04	4.45	####	####	2.29	1.70
1 to 5	16.42	0.81	2.56	0.00	0.00	24.27	22.00	16.42	11.03	18.73	####	####	11.62	10.17
6 to 6	1.59	0.82	1.70	0.00	0.00	46.42	48.36	1.59	1.08	1.21	####	####	2.15	2.16
6 to 7	8.84	0.82	2.06	0.00	0.00	46.67	48.96	8.84	6.03	8.13	####	####	12.03	12.18
6 to 8	24.19	0.77	2.01	0.00	0.00	44.39	44.39	24.19	15.48	21.68	####	####	31.31	30.23
6 to 9	38.12	0.74	1.73	0.00	0.00	41.29	42.42	38.12	23.35	29.39	####	####	45.89	45.52
6 to 10	46.15	0.73	1.64	0.00	0.00	40.59	41.03	46.15	27.89	33.76	####	####	54.61	53.31
6 to 11	83.58	1.28	2.18	0.00	0.00	36.27	38.18	83.58	88.97	81.27	####	####	88.38	89.83

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6043-120		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	7.17	0.80	2.60			13.22	11.36	7.17	5.49	6.31	####	####	2.53	2.03
+150 M	8.26	1.14	3.72			22.56	22.72	8.26	9.01	10.40	####	####	4.97	4.68
+200 M	16.43	1.32	4.48			34.42	37.00	16.43	20.75	24.91	####	####	15.06	15.18
+270 M	17.11	1.16	3.86			40.40	45.06	17.11	18.99	22.35	####	####	18.43	19.25
+400 M	31.77	0.96	2.38			43.76	46.90	31.77	29.18	25.59	####	####	37.08	37.20
-400 M	19.26	0.90	1.60			42.66	45.06	19.26	16.58	10.43	####	####	21.91	21.66
+#1 Conc	2.15	0.76	1.02			45.48	50.38	2.15	1.56	0.74	####	####	2.61	2.70
+#2 C	7.82	0.76	1.44			45.74	50.56	7.82	5.69	3.81	####	####	9.54	9.87
+#3 C	5.17	0.72	1.36			43.50	44.14	5.17	3.56	3.25	####	####	6.00	5.70
+#4 C	2.00	0.66	1.64			38.20	38.95	2.00	1.26	1.11	####	####	2.04	1.94
+#5 C	0.53	0.68	1.72			34.00	32.46	0.53	0.34	0.31	####	####	0.48	0.43
-#5 C	1.59	2.74	2.24	0.00	0.00	29.46	25.69	1.59	4.17	1.20	####	####	1.25	1.02
Head (Asy)		1.08	3.00			37.32	41.11							
Head (Calc)	100.00	1.05	2.95	0.00	0.00	37.50	40.06	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	7.17	0.80	2.60	0.00	0.00	13.22	11.36	7.17	5.49	6.31	####	####	2.53	2.03
1 to 2	15.43	0.98	3.20	0.00	0.00	18.22	17.44	15.43	14.50	16.71	####	####	7.50	6.72
1 to 3	31.86	1.16	3.86	0.00	0.00	26.57	27.53	31.86	35.25	41.62	####	####	22.58	21.89
1 to 4	48.97	1.16	3.86	0.00	0.00	31.40	33.65	48.97	54.24	63.98	####	####	41.01	41.14
1 to 5	80.74	1.08	3.28	0.00	0.00	36.27	38.87	80.74	83.42	89.57	####	####	78.09	78.34
6 to 6	2.15	0.76	1.02	0.00	0.00	45.48	50.38	2.15	1.56	0.74	####	####	2.61	2.70
6 to 7	9.97	0.76	1.35	0.00	0.00	45.68	50.32	9.97	7.25	4.55	####	####	12.15	12.57
6 to 8	15.14	0.75	1.52	0.00	0.00	44.94	48.34	15.14	10.81	7.81	####	####	18.14	18.27
6 to 9	17.14	0.74	1.54	0.00	0.00	44.15	47.25	17.14	12.07	8.92	####	####	20.18	20.22
6 to 10	17.67	0.73	1.54	0.00	0.00	43.85	46.80	17.67	12.42	9.23	####	####	20.66	20.64
6 to 11	19.26	0.90	1.60	0.00	0.00	42.66	45.06	19.26	16.58	10.43	####	####	21.91	21.66

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6043-121				Assays								Distribution		
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.47	0.96	2.58			11.38	9.53	2.47	2.12	3.14	####	####	0.87	0.67
+150 M	2.66	1.10	3.36			16.14	17.31	2.66	2.61	4.40	####	####	1.34	1.32
+200 M	6.19	1.18	3.56			23.94	28.13	6.19	6.53	10.85	####	####	4.61	4.98
+270 M	6.19	1.12	3.70			30.12	34.62	6.19	6.19	11.28	####	####	5.80	6.13
+400 M	15.00	0.94	2.32			33.34	35.92	15.00	12.60	17.14	####	####	15.55	15.42
-400 M	67.49	1.16	1.60			34.22	37.00	67.49	69.95	53.19	####	####	71.83	71.47
+#1 Conc	5.74	0.84	1.24			45.36	51.50	5.74	4.31	3.51	####	####	8.10	8.46
+#2 C	8.90	0.72	1.40			42.60	47.17	8.90	5.73	6.14	####	####	11.79	12.02
+#3 C	12.24	0.52	0.96			33.20	35.49	12.24	5.69	5.79	####	####	12.64	12.43
+#4 C	10.08	0.48	0.62			32.38	34.19	10.08	4.32	3.08	####	####	10.15	9.86
+#5 C	5.79	0.50	0.74			31.20	32.03	5.79	2.59	2.11	####	####	5.62	5.31
-#5 C	24.74	2.14	2.67	0.00	0.00	30.58	33.03	24.74	47.32	32.57	####	####	23.53	23.39
Head (Asy)		1.16	1.90			32.26	34.62							
Head (Calc)	100.00	1.12	2.03	0.00	0.00	32.15	34.94	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution		
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.47	0.96	2.59	0.00	0.00	11.39	9.53	2.47	2.12	3.14	####	####	0.87	0.67
1 to 2	5.13	1.03	2.98	0.00	0.00	13.85	13.56	5.13	4.73	7.54	####	####	2.21	1.99
1 to 3	11.32	1.11	3.30	0.00	0.00	19.37	21.53	11.32	11.26	18.39	####	####	6.82	6.98
1 to 4	17.51	1.12	3.44	0.00	0.00	23.17	26.16	17.51	17.45	29.67	####	####	12.62	13.11
1 to 5	32.51	1.03	2.92	0.00	0.00	27.86	30.66	32.51	30.05	46.81	####	####	28.17	28.53
6 to 6	5.74	0.84	1.24	0.00	0.00	45.36	51.50	5.74	4.31	3.51	####	####	8.10	8.46
6 to 7	14.64	0.77	1.34	0.00	0.00	43.68	48.87	14.64	10.03	9.64	####	####	19.89	20.48
6 to 8	26.88	0.65	1.17	0.00	0.00	38.91	42.78	26.88	15.72	15.43	####	####	32.53	32.91
6 to 9	36.96	0.61	1.02	0.00	0.00	37.13	40.43	36.96	20.04	18.51	####	####	42.68	42.77
6 to 10	42.75	0.59	0.98	0.00	0.00	36.33	39.30	42.75	22.63	20.62	####	####	48.30	48.08
6 to 11	67.49	1.16	1.60	0.00	0.00	34.22	37.00	67.49	69.95	53.19	####	####	71.83	71.47

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6043-122

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.46	0.80	2.90			23.00	8.22	0.46	0.26	0.52	####	####	0.36	0.14
+150 M	0.52	1.53	5.20			26.31	18.18	0.52	0.56	1.06	####	####	0.47	0.36
+200 M	1.97	0.87	3.30			24.96	26.83	1.97	1.20	2.56	####	####	1.69	2.00
+270 M	0.64	1.18	3.44			20.30	16.88	0.64	0.53	0.87	####	####	0.45	0.41
+400 M	2.90	0.94	2.22			20.80	19.48	2.90	1.91	3.79	####	####	2.07	2.14
-400 M	93.51	1.46	2.48			29.60	26.83	93.51	95.55	91.20	####	####	94.97	94.95
+#1 Conc	0.76	1.04	2.52			42.74	41.11	0.76	0.55	0.75	####	####	1.11	1.18
+#2 C	2.50	1.04	2.52			42.74	41.11	2.50	1.82	2.48	####	####	3.67	3.89
+#3 C	7.88	0.56	2.04			37.80	36.57	7.88	3.64	6.32	####	####	10.22	10.91
+#4 C	13.26	0.56	1.28			31.72	35.49	13.26	5.20	7.09	####	####	14.43	17.81
+#5 C	10.35	0.52	1.26			29.74	31.82	10.35	3.77	5.13	####	####	10.56	12.46
-#5 C	58.76	1.96	3.00	0.00	0.00	27.27	21.90	58.76	80.57	69.43	####	####	54.97	48.70
Head (Asy)		1.44	2.58			29.18	32.19							
Head (Calc)	100.00	1.43	2.54	0.00	0.00	29.15	26.42	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.46	0.80	2.90	0.00	0.00	23.00	8.22	0.46	0.26	0.52	####	####	0.36	0.14
1 to 2	0.98	1.19	4.12	0.00	0.00	24.76	13.50	0.98	0.81	1.59	####	####	0.83	0.50
1 to 3	2.95	0.98	3.57	0.00	0.00	24.69	22.40	2.95	2.01	4.14	####	####	2.52	2.50
1 to 4	3.59	1.01	3.55	0.00	0.00	24.07	21.42	3.59	2.54	5.01	####	####	2.97	2.91
1 to 5	6.49	0.98	3.45	0.00	0.00	22.61	20.55	6.49	4.45	8.80	####	####	5.03	5.05
6 to 6	0.76	1.04	2.52	0.00	0.00	42.74	41.11	0.76	0.55	0.75	####	####	1.11	1.18
6 to 7	3.26	1.04	2.52	0.00	0.00	42.74	41.11	3.26	2.37	3.23	####	####	4.78	5.07
6 to 8	11.14	0.77	2.16	0.00	0.00	39.25	37.90	11.14	6.01	9.55	####	####	15.00	15.98
6 to 9	24.40	0.66	1.73	0.00	0.00	35.16	36.59	24.40	11.21	16.65	####	####	29.43	33.79
6 to 10	34.75	0.62	1.59	0.00	0.00	33.54	35.17	34.75	14.98	21.77	####	####	39.99	46.25
6 to 11	93.51	1.46	2.48	0.00	0.00	29.60	26.83	93.51	95.55	91.20	####	####	94.97	94.95

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6043-123				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.80	0.90	2.30			11.78	9.99	2.80	2.45	3.05	####	####	0.98	0.79
+150 M	3.54	1.09	3.24			17.82	15.17	3.54	3.71	5.42	####	####	1.87	1.51
+200 M	6.92	1.18	3.96			25.94	37.57	6.92	7.93	12.96	####	####	5.32	7.30
+270 M	7.85	1.06	3.60			30.90	33.67	7.85	8.08	13.36	####	####	7.19	7.42
+400 M	19.10	0.88	2.40			35.28	35.52	19.10	16.32	21.67	####	####	19.98	19.04
-400 M	59.79	1.06	1.54			36.48	38.11	59.79	61.52	43.54	####	####	64.66	63.95
+#1 Conc	5.03	0.78	1.42			48.28	51.25	5.03	3.81	3.38	####	####	7.20	7.24
+#2 C	9.49	0.70	1.60			47.04	51.06	9.49	6.45	7.18	####	####	13.23	13.60
+#3 C	12.61	0.52	0.94			36.70	40.33	12.61	6.37	5.60	####	####	13.72	14.27
+#4 C	9.17	0.48	0.96			34.88	34.78	9.17	4.27	4.16	####	####	9.48	8.95
+#5 C	4.82	0.52	0.70			32.08	31.08	4.82	2.43	1.60	####	####	4.58	4.20
-#5 C	18.67	2.11	2.45	0.00	0.00	29.71	29.94	18.67	38.19	21.62	####	####	16.44	15.69
Head (Asy)		1.04	1.90			33.94	34.41							
Head (Calc)	100.00	1.03	2.11	0.00	0.00	33.73	35.63	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.80	0.90	2.30	0.00	0.00	11.78	9.99	2.80	2.45	3.05	####	####	0.98	0.79
1 to 2	6.34	1.00	2.82	0.00	0.00	15.15	12.88	6.34	6.16	8.47	####	####	2.85	2.29
1 to 3	13.26	1.09	3.42	0.00	0.00	20.78	25.77	13.26	14.08	21.43	####	####	8.17	9.59
1 to 4	21.11	1.08	3.49	0.00	0.00	24.54	28.71	21.11	22.16	34.79	####	####	15.36	17.01
1 to 5	40.21	0.99	2.97	0.00	0.00	29.64	31.94	40.21	38.48	56.46	####	####	35.34	36.05
6 to 6	5.03	0.78	1.42	0.00	0.00	48.28	51.25	5.03	3.81	3.38	####	####	7.20	7.24
6 to 7	14.52	0.73	1.54	0.00	0.00	47.47	51.13	14.52	10.26	10.56	####	####	20.43	20.83
6 to 8	27.13	0.63	1.26	0.00	0.00	42.46	46.11	27.13	16.62	16.16	####	####	34.15	35.11
6 to 9	36.30	0.59	1.18	0.00	0.00	40.55	43.25	36.30	20.90	20.32	####	####	43.64	44.06
6 to 10	41.12	0.58	1.13	0.00	0.00	39.56	41.82	41.12	23.33	21.92	####	####	48.22	48.26
6 to 11	59.79	1.06	1.54	0.00	0.00	36.48	38.11	59.79	61.52	43.54	####	####	64.66	63.95

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6043-124	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.51	0.90	2.28			11.60	9.25	2.51	2.25	3.22	####	####	0.88	2.27
+150 M	2.50	1.02	2.60			17.08	16.65	2.50	2.54	3.65	####	####	1.29	4.07
+200 M	6.18	1.10	2.86			25.36	26.27	6.18	6.76	9.94	####	####	4.74	15.89
+270 M	6.25	1.02	2.68			31.48	34.41	6.25	6.34	9.42	####	####	5.95	21.05
+400 M	15.06	0.82	1.90			34.60	38.48	15.06	12.28	16.09	####	####	15.75	56.72
-400 M	67.50	1.04	1.52			34.98		67.50	69.83	57.69	####	####	71.39	0.00
+#1 Conc	6.57	0.66	1.04			46.44		6.57	4.31	3.84	####	####	9.22	0.00
+#2 C	9.29	0.60	1.06			44.80		9.29	5.54	5.54	####	####	12.58	0.00
+#3 C	12.30	0.48	0.64			34.42		12.30	5.87	4.43	####	####	12.80	0.00
+#4, C	9.75	0.38	0.44			34.46		9.75	3.69	2.41	####	####	10.16	0.00
+#5 C	5.48	0.38	0.52			32.00		5.48	2.07	1.60	####	####	5.30	0.00
-#5 C	24.11	2.02	2.94	0.00	0.00	29.25	0.00	24.11	48.34	39.87	####	####	21.32	0.00
Head (Asy)		1.02	1.60			33.02								
Head (Calc)	100.00	1.01	1.78	0.00	0.00	33.08	10.22	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.51	0.90	2.28	0.00	0.00	11.60	9.25	2.51	2.25	3.22	####	####	0.88	2.27
1 to 2	5.01	0.96	2.44	0.00	0.00	14.33	12.94	5.01	4.78	6.37	####	####	2.17	6.35
1 to 3	11.19	1.04	2.67	0.00	0.00	20.42	20.30	11.19	11.55	16.81	####	####	6.91	22.24
1 to 4	17.44	1.03	2.67	0.00	0.00	24.39	25.36	17.44	17.89	26.23	####	####	12.86	43.28
1 to 5	32.50	0.93	2.32	0.00	0.00	29.12	31.44	32.50	30.17	42.31	####	####	28.61	100.00
6 to 6	6.57	0.66	1.04	0.00	0.00	46.44	0.00	6.57	4.31	3.84	####	####	9.22	0.00
6 to 7	15.86	0.62	1.05	0.00	0.00	45.48	0.00	15.86	9.86	9.38	####	####	21.81	0.00
6 to 8	28.16	0.56	0.87	0.00	0.00	40.65	0.00	28.16	15.73	13.80	####	####	34.61	0.00
6 to 9	37.91	0.51	0.76	0.00	0.00	39.06	0.00	37.91	19.42	16.22	####	####	44.77	0.00
6 to 10	43.39	0.50	0.73	0.00	0.00	38.17	0.00	43.39	21.49	17.82	####	####	50.07	0.00
6 to 11	67.50	1.04	1.52	0.00	0.00	34.98	0.00	67.50	69.83	57.69	####	####	71.39	0.00

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6043-125				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.03	1.48	2.26				24.02	0.03	0.03	0.03	####	####	####	0.02
+150 M	0.76	1.48	2.26				24.02	0.76	0.82	0.83	####	####	####	0.60
+200 M	1.09	1.48	2.26				24.02	1.09	1.18	1.19	####	####	####	0.86
+270 M	0.65	0.86	1.76				24.02	0.65	0.41	0.55	####	####	####	0.51
+400 M	2.88	0.86	1.76				24.02	2.88	1.62	2.45	####	####	####	2.28
-400 M	94.59	1.38	2.08				30.73	94.59	95.73	94.95	####	####	####	95.72
+#1 Cone	0.55	0.66	1.34				50.32	0.55	0.27	0.36	####	####	####	0.91
+#2 C	1.74	0.66	1.34				38.48	1.74	0.84	1.13	####	####	####	2.20
+#3 C	6.23	0.50	0.92				38.48	6.23	2.28	2.77	####	####	####	7.89
+#4 C	11.76	0.44	0.86				33.03	11.76	3.79	4.88	####	####	####	12.79
+#5 C	10.62	0.42	0.72				32.01	10.62	3.27	3.69	####	####	####	11.19
-#5 C	63.69	1.83	2.67	0.00	0.00	0.00	28.95	63.69	85.27	82.13	####	####	####	60.72
Head (Asy)		1.38	2.14				32.56							
Head (Calc)	100.00	1.36	2.07	0.00	0.00	0.00	30.37	100.00	100.00	100.00	####	####	####	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.03	1.48	2.26	0.00	0.00	0.00	24.02	0.03	0.03	0.03	####	####	####	0.02
1 to 2	0.79	1.48	2.26	0.00	0.00	0.00	24.02	0.79	0.86	0.86	####	####	####	0.62
1 to 3	1.88	1.48	2.26	0.00	0.00	0.00	24.02	1.88	2.04	2.05	####	####	####	1.49
1 to 4	2.53	1.32	2.13	0.00	0.00	0.00	24.02	2.53	2.45	2.60	####	####	####	2.00
1 to 5	5.41	1.08	1.93	0.00	0.00	0.00	24.02	5.41	4.27	5.05	####	####	####	4.28
6 to 6	0.55	0.66	1.34	0.00	0.00	0.00	50.32	0.55	0.27	0.36	####	####	####	0.91
6 to 7	2.29	0.66	1.34	0.00	0.00	0.00	41.32	2.29	1.11	1.48	####	####	####	3.12
6 to 8	8.52	0.54	1.03	0.00	0.00	0.00	39.24	8.52	3.39	4.25	####	####	####	11.01
6 to 9	20.28	0.48	0.93	0.00	0.00	0.00	35.64	20.28	7.19	9.13	####	####	####	23.80
6 to 10	30.90	0.46	0.86	0.00	0.00	0.00	34.39	30.90	10.46	12.82	####	####	####	35.00
6 to 11	94.59	1.38	2.08	0.00	0.00	0.00	30.73	94.59	95.73	94.95	####	####	####	95.72

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6043-126				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.45	0.86	2.38				8.66	2.45	2.19	3.48	####	####	####	0.55
+150 M	2.82	1.02	2.74				16.55	2.82	2.99	4.62	####	####	####	1.21
+200 M	6.65	1.14	3.10				25.81	6.65	7.89	12.31	####	####	####	4.43
+270 M	7.19	1.06	2.80				37.98	7.19	7.93	12.02	####	####	####	7.05
+400 M	17.50	0.86	1.90				38.46	17.50	15.66	19.86	####	####	####	17.39
-400 M	63.39	0.96	1.26				42.36	63.39	63.33	47.71	####	####	####	69.37
+#1 Conc	5.40	0.62	1.02				51.61	5.40	3.48	3.29	####	####	####	7.20
+#2 C	9.74	0.58	1.38				49.66	9.74	5.88	8.03	####	####	####	12.50
+#3 C	13.54	0.44	0.90				39.93	13.54	6.20	7.28	####	####	####	13.97
+#4 C	10.11	0.40	0.86				34.53	10.11	4.21	5.19	####	####	####	9.02
+#5 C	5.10	0.42	0.64				32.80	5.10	2.23	1.95	####	####	####	4.32
-#5 C	19.50	2.04	1.89	0.00	0.00	0.00	44.40	19.50	41.33	21.97	####	####	####	22.37
Head (Asy)		1.00	1.76				36.24							
Head (Calc)	100.00	0.96	1.67	0.00	0.00	0.00	38.71	100.00	100.00	100.00	####	####	####	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.45	0.86	2.38	0.00	0.00	0.00	8.66	2.45	2.19	3.48	####	####	####	0.55
1 to 2	5.27	0.95	2.57	0.00	0.00	0.00	12.88	5.27	5.19	8.10	####	####	####	1.75
1 to 3	11.92	1.05	2.87	0.00	0.00	0.00	20.09	11.92	13.08	20.41	####	####	####	6.19
1 to 4	19.11	1.06	2.84	0.00	0.00	0.00	26.82	19.11	21.01	32.44	####	####	####	13.24
1 to 5	36.61	0.96	2.39	0.00	0.00	0.00	32.39	36.61	36.67	52.29	####	####	####	30.63
6 to 6	5.40	0.62	1.02	0.00	0.00	0.00	51.61	5.40	3.48	3.29	####	####	####	7.20
6 to 7	15.14	0.59	1.25	0.00	0.00	0.00	50.36	15.14	9.36	11.32	####	####	####	19.70
6 to 8	28.68	0.52	1.09	0.00	0.00	0.00	45.43	28.68	15.56	18.60	####	####	####	33.66
6 to 9	38.79	0.49	1.03	0.00	0.00	0.00	42.59	38.79	19.77	23.79	####	####	####	42.68
6 to 10	43.89	0.48	0.98	0.00	0.00	0.00	41.45	43.89	22.00	25.74	####	####	####	47.00
6 to 11	63.39	0.96	1.26	0.00	0.00	0.00	42.36	63.39	63.33	47.71	####	####	####	69.37

B.M.+S.—Metallurgical Laboratory Report

6043-127				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.59	1.08	2.72				10.30	2.59	2.69	3.70	####	####	####	0.76
+150 M	3.31	1.16	3.16				18.70	3.31	3.70	5.49	####	####	####	1.76
+200 M	6.39	1.22	3.32				28.61	6.39	7.51	11.14	####	####	####	5.19
+270 M	7.28	1.12	2.90				35.47	7.28	7.85	11.09	####	####	####	7.33
+400 M	17.17	0.90	2.08				34.16	17.17	14.68	18.75	####	####	####	16.64
-400 M	63.26	1.04	1.50				38.06	63.26	63.36	49.83	####	####	####	68.33
+#1 Conc	3.85	0.62	1.16				53.61	3.85	2.30	2.35	####	####	####	5.86
+#2 C	8.25	0.60	1.36				48.70	8.25	4.77	5.89	####	####	####	11.40
+#3 C	11.89	0.44	0.90				41.75	11.89	5.04	5.62	####	####	####	14.09
+#4 C	9.66	0.38	0.62				37.95	9.66	3.54	3.15	####	####	####	10.40
+#5 C	5.61	0.38	0.68				32.74	5.61	2.05	2.00	####	####	####	5.21
-#5 C	24.00	1.98	2.45	0.00	0.00	0.00	31.37	24.00	45.67	30.82	####	####	####	21.36
Head (Asy)		1.04	1.90				38.42							
Head (Calc)	100.00	1.04	1.90	0.00	0.00	0.00	35.24	100.00	100.00	100.00	####	####	####	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.59	1.08	2.72	0.00	0.00	0.00	10.30	2.59	2.69	3.70	####	####	####	0.76
1 to 2	5.90	1.12	2.97	0.00	0.00	0.00	15.01	5.90	6.39	9.19	####	####	####	2.51
1 to 3	12.29	1.17	3.15	0.00	0.00	0.00	22.08	12.29	13.90	20.33	####	####	####	7.70
1 to 4	19.57	1.15	3.06	0.00	0.00	0.00	27.06	19.57	21.75	31.42	####	####	####	15.03
1 to 5	36.74	1.04	2.60	0.00	0.00	0.00	30.38	36.74	36.64	50.17	####	####	####	31.67
6 to 6	3.85	0.62	1.16	0.00	0.00	0.00	53.61	3.85	2.30	2.35	####	####	####	5.86
6 to 7	12.10	0.61	1.30	0.00	0.00	0.00	50.26	12.10	7.07	8.24	####	####	####	17.26
6 to 8	23.99	0.52	1.10	0.00	0.00	0.00	46.04	23.99	12.11	13.86	####	####	####	31.35
6 to 9	33.65	0.48	0.96	0.00	0.00	0.00	43.72	33.65	15.64	17.00	####	####	####	41.75
6 to 10	39.26	0.47	0.92	0.00	0.00	0.00	42.15	39.26	17.69	19.00	####	####	####	46.96
6 to 11	63.26	1.04	1.50	0.00	0.00	0.00	38.06	63.26	63.36	49.83	####	####	####	68.33

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6043-128

		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.03	0.90	1.78			18.66	17.56	0.03	0.02	0.03	####	####	0.02	0.02
+150 M	0.06	0.90	1.78			18.66	17.56	0.06	0.04	0.07	####	####	0.04	0.03
+200 M	0.32	0.90	1.78			18.66	17.56	0.32	0.22	0.37	####	####	0.19	0.18
+270 M	0.57	0.90	1.75			18.66	17.56	0.57	0.39	0.66	####	####	0.35	0.32
+400 M	2.69	0.98	1.76			24.22	26.56	2.69	1.99	3.06	####	####	2.12	2.27
-400 M	96.33	1.34	1.54			31.00	31.79	96.33	97.35	95.82	####	####	97.28	97.19
-#1 Conc	0.54	0.60	0.94			44.68	46.49	0.54	0.24	0.33	####	####	0.79	0.80
+#2 C	1.63	0.60	0.94			44.68	46.49	1.63	0.74	0.99	####	####	2.37	2.40
+#3 C	5.55	0.42	0.62			34.70	39.38	5.55	1.76	2.22	####	####	6.27	6.94
+#4 C	10.95	0.38	0.46			32.70	30.83	10.95	3.14	3.25	####	####	11.66	10.71
+#5 C	9.68	0.36	0.50			31.20	27.52	9.68	2.63	3.13	####	####	9.84	8.45
-#5 C	67.98	1.73	1.96	0.00	0.00	29.96	31.46	67.98	88.84	85.90	####	####	66.35	67.88
Head (Asy)		1.36	1.80			30.38	33.45							
Head (Calc)	100.00	1.33	1.55	0.00	0.00	30.70	31.51	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.03	0.90	1.78	0.00	0.00	18.66	17.56	0.03	0.02	0.03	####	####	0.02	0.02
1 to 2	0.09	0.90	1.78	0.00	0.00	18.66	17.56	0.09	0.06	0.10	####	####	0.05	0.05
1 to 3	0.41	0.90	1.78	0.00	0.00	18.66	17.56	0.41	0.28	0.47	####	####	0.25	0.23
1 to 4	0.98	0.90	1.78	0.00	0.00	18.66	17.56	0.98	0.67	1.13	####	####	0.60	0.55
1 to 5	3.67	0.96	1.77	0.00	0.00	22.74	24.16	3.67	2.65	4.18	####	####	2.72	2.81
6 to 6	0.54	0.60	0.94	0.00	0.00	44.68	46.49	0.54	0.24	0.33	####	####	0.79	0.80
6 to 7	2.17	0.60	0.94	0.00	0.00	44.68	46.49	2.17	0.98	1.32	####	####	3.16	3.20
6 to 8	7.72	0.47	0.71	0.00	0.00	37.51	41.38	7.72	2.74	3.54	####	####	9.43	10.14
6 to 9	18.67	0.42	0.56	0.00	0.00	34.69	35.19	18.67	5.88	6.79	####	####	21.10	20.85
6 to 10	28.35	0.40	0.54	0.00	0.00	33.50	32.57	28.35	8.51	9.92	####	####	30.94	29.31
6 to 11	96.33	1.34	1.54	0.00	0.00	31.00	31.79	96.33	97.35	95.82	####	####	97.28	97.19

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6043-129				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.42	0.90	2.48			11.06	7.61	2.42	2.27	3.29	####	####	0.80	0.50
+150 M	3.36	1.10	3.42			18.00	15.21	3.36	3.85	6.30	####	####	1.80	1.39
+200 M	6.78	1.20	3.72			26.00	41.31	6.78	8.48	13.82	####	####	5.24	7.61
+270 M	7.90	1.10	3.00			31.90	35.48	7.90	9.06	12.98	####	####	7.49	7.62
+400 M	19.19	0.86	1.90			35.84	40.55	19.19	17.20	19.97	####	####	20.44	21.15
-400 M	60.35	0.94	1.32			35.82	37.62	60.35	59.13	43.64	####	####	64.24	61.72
+#1 Conc	4.31	0.60	0.94			47.08	50.83	4.31	2.70	2.22	####	####	6.03	5.96
+#2 C	9.28	0.58	1.24			46.10	46.77	9.28	5.61	6.30	####	####	12.71	11.80
+#3 C	13.04	0.44	0.66			37.60	43.84	13.04	5.98	4.71	####	####	14.57	15.54
+#4 C	9.85	0.36	0.60			34.40	35.09	9.85	3.90	3.24	####	####	10.07	9.40
+#5 C	4.60	0.40	0.84			33.30	32.04	4.60	1.92	2.12	####	####	4.55	4.01
-#5 C	19.27	1.94	2.37	0.00	0.00	28.47	28.68	19.27	39.03	25.05	####	####	16.31	15.02
Head (Asy)		0.98	1.94			33.10	37.20							
Head (Calc)	100.00	0.96	1.33	0.00	0.00	33.65	36.78	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.42	0.90	2.48	0.00	0.00	11.06	7.61	2.42	2.27	3.29	####	####	0.80	0.50
1 to 2	5.78	1.02	3.03	0.00	0.00	15.09	12.03	5.78	6.12	9.58	####	####	2.59	1.89
1 to 3	12.56	1.12	3.40	0.00	0.00	20.98	27.83	12.56	14.60	23.40	####	####	7.83	9.50
1 to 4	20.46	1.11	3.25	0.00	0.00	25.20	30.79	20.46	23.66	36.38	####	####	15.32	17.12
1 to 5	39.65	0.99	2.59	0.00	0.00	30.35	35.51	39.65	40.87	56.36	####	####	35.76	38.28
6 to 6	4.31	0.60	0.94	0.00	0.00	47.08	50.83	4.31	2.70	2.22	####	####	6.03	5.96
6 to 7	13.59	0.59	1.14	0.00	0.00	46.41	48.06	13.59	8.31	8.52	####	####	18.74	17.75
6 to 8	26.63	0.51	0.91	0.00	0.00	42.10	45.99	26.63	14.29	13.24	####	####	33.31	33.30
6 to 9	36.48	0.48	0.82	0.00	0.00	40.02	43.05	36.48	18.19	16.48	####	####	43.38	42.69
6 to 10	41.08	0.47	0.83	0.00	0.00	39.27	41.82	41.08	20.11	18.59	####	####	47.94	46.70
6 to 11	60.35	0.94	1.32	0.00	0.00	35.82	37.62	60.35	59.13	43.64	####	####	64.24	61.72

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6043-130				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.96	1.06	3.24			13.00	11.44	2.96	3.09	4.35	####	####	1.18	0.94
+150 M	2.72	1.18	3.44			17.70	15.07	2.72	3.16	4.25	####	####	1.47	1.14
+200 M	7.16	1.28	3.92			26.32	29.18	7.16	9.01	12.74	####	####	5.77	5.79
+270 M	6.79	1.18	3.52			31.84	35.09	6.79	7.88	10.85	####	####	6.62	6.60
+400 M	15.35	0.94	2.62			34.94	40.44	15.35	14.19	18.25	####	####	16.43	17.19
-400 M	65.02	0.98	1.68			34.40	37.96	65.02	62.67	49.57	####	####	68.52	68.35
+#1 Conc	5.40	0.70	1.24			45.92	53.41	5.40	3.72	3.04	####	####	7.60	7.99
+#2 C	8.98	0.62	2.02			43.42	49.59	8.98	5.48	8.23	####	####	11.94	12.33
+#3 C	11.91	0.46	1.10			35.02	38.91	11.91	5.39	5.95	####	####	12.78	12.83
+#4 C	9.57	0.42	0.70			33.14	33.19	9.57	3.95	3.04	####	####	9.72	8.80
+#5 C	5.28	0.42	0.74			31.96	32.43	5.28	2.18	1.77	####	####	5.17	4.74
-#5 C	23.88	1.79	2.54	0.00	0.00	29.14	32.75	23.88	41.95	27.54	####	####	21.32	21.66
Head (Asy)		1.02	2.10			32.28	36.24							
Head (Calc)	100.00	1.02	2.20	0.00	0.00	32.64	36.11	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.96	1.06	3.24	0.00	0.00	13.00	11.44	2.96	3.09	4.35	####	####	1.18	0.94
1 to 2	5.68	1.12	3.34	0.00	0.00	15.25	13.18	5.68	6.24	8.60	####	####	2.65	2.07
1 to 3	12.84	1.21	3.66	0.00	0.00	21.42	22.10	12.84	15.26	21.33	####	####	8.43	7.86
1 to 4	19.63	1.20	3.61	0.00	0.00	25.03	26.59	19.63	23.14	32.18	####	####	15.05	14.46
1 to 5	34.98	1.08	3.18	0.00	0.00	29.38	32.67	34.98	37.33	50.43	####	####	31.48	31.65
6 to 6	5.40	0.70	1.24	0.00	0.00	45.92	53.41	5.40	3.72	3.04	####	####	7.60	7.99
6 to 7	14.38	0.65	1.73	0.00	0.00	44.36	51.02	14.38	9.19	11.27	####	####	19.54	20.32
6 to 8	26.29	0.56	1.44	0.00	0.00	40.13	45.54	26.29	14.58	17.22	####	####	32.32	33.15
6 to 9	35.86	0.53	1.24	0.00	0.00	38.26	42.24	35.86	18.54	20.26	####	####	42.03	41.95
6 to 10	41.14	0.51	1.18	0.00	0.00	37.45	40.98	41.14	20.72	22.03	####	####	47.20	46.69
6 to 11	65.02	0.98	1.68	0.00	0.00	34.40	37.96	65.02	62.67	49.57	####	####	68.52	68.35

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6043-131			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.03	1.38	2.72			22.78	22.89	0.03	0.03	0.03	####	####	0.02	0.02
+150 M	0.47	1.38	2.72			22.78	22.89	0.47	0.50	0.54	####	####	0.34	0.35
+200 M	0.68	1.38	2.72			22.78	22.89	0.68	0.73	0.78	####	####	0.50	0.50
+270 M	0.72	0.98	2.44			22.94	24.67	0.72	0.55	0.74	####	####	0.53	0.57
+400 M	2.53	0.98	2.44			22.94	24.67	2.53	1.92	2.59	####	####	1.87	2.01
-400 M	95.57	1.30	2.38			31.48	31.40	95.57	96.27	95.33	####	####	96.74	96.55
+#1 Conc	0.72	0.78	1.72			44.70	49.33	0.72	0.44	0.52	####	####	1.03	1.14
+#2 C	1.80	0.78	1.72			44.70	49.33	1.80	1.09	1.30	####	####	2.59	2.86
+#3 C	5.50	0.48	1.18			35.82	35.88	5.50	2.05	2.72	####	####	6.33	6.35
+#4 C	10.26	0.40	0.80			32.76	34.01	10.26	3.18	3.44	####	####	10.81	11.23
+#5 C	9.40	0.38	0.94			31.32	29.16	9.40	2.77	3.70	####	####	9.47	8.82
-#5 C	67.89	1.65	2.94	0.00	0.00	30.47	30.29	67.89	86.75	83.65	####	####	66.51	66.16
Head (Asy)		1.30	2.48			30.10	31.77							
Head (Calc)	100.00	1.29	2.39	0.00	0.00	31.10	31.08	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.03	1.38	2.72	0.00	0.00	22.78	22.89	0.03	0.03	0.03	####	####	0.02	0.02
1 to 2	0.50	1.38	2.72	0.00	0.00	22.78	22.89	0.50	0.53	0.57	####	####	0.37	0.37
1 to 3	1.18	1.38	2.72	0.00	0.00	22.78	22.89	1.18	1.26	1.35	####	####	0.86	0.87
1 to 4	1.90	1.22	2.61	0.00	0.00	22.84	23.56	1.90	1.81	2.08	####	####	1.40	1.44
1 to 5	4.43	1.09	2.51	0.00	0.00	22.90	24.20	4.43	3.73	4.67	####	####	3.26	3.45
6 to 6	0.72	0.78	1.72	0.00	0.00	44.70	49.33	0.72	0.44	0.52	####	####	1.03	1.14
6 to 7	2.52	0.78	1.72	0.00	0.00	44.70	49.33	2.52	1.52	1.82	####	####	3.62	4.00
6 to 8	8.02	0.57	1.35	0.00	0.00	38.61	40.11	8.02	3.57	4.54	####	####	9.96	10.35
6 to 9	18.28	0.48	1.04	0.00	0.00	35.33	36.68	18.28	6.75	7.98	####	####	20.76	21.58
6 to 10	27.68	0.44	1.01	0.00	0.00	33.97	34.13	27.68	9.52	11.68	####	####	30.23	30.39
6 to 11	95.57	1.30	2.38	0.00	0.00	31.48	31.40	95.57	96.27	95.33	####	####	96.74	96.55

B.M.+S.—Metallurgical Laboratory Report

6043-132				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.86	1.02	2.80			17.02	10.47	2.86	2.87	3.66	####	####	1.46	0.83
+150 M	3.20	1.20	3.38			17.82	17.57	3.20	3.77	4.94	####	####	1.71	1.56
+200 M	7.48	1.30	3.68			25.38	30.92	7.48	9.55	12.58	####	####	5.70	6.42
+270 M	7.58	1.22	3.52			31.56	37.00	7.58	9.08	12.20	####	####	7.18	7.79
+400 M	17.42	0.98	2.58			35.24	40.05	17.42	16.77	20.54	####	####	18.43	19.37
-400 M	61.46	0.96	1.64			35.50	37.51	61.46	57.96	46.07	####	####	65.51	64.02
-#1 Conc	7.29	0.66	1.36			45.32	46.52	7.29	4.73	4.53	####	####	9.92	9.42
-#2 C	10.16	0.62	1.76			42.40	44.10	10.16	6.19	8.17	####	####	12.93	12.44
-#3 C	12.79	0.48	1.00			36.92	34.47	12.79	6.03	5.65	####	####	14.18	12.24
+#4 C	9.35	0.46	0.56			34.32	31.68	9.35	4.22	2.39	####	####	9.64	8.23
+#5 C	4.72	0.50	0.78			32.28	32.44	4.72	2.32	1.68	####	####	4.57	4.25
-#5 C	17.15	2.05	2.99	0.00	0.00	27.71	36.62	17.15	34.47	23.45	####	####	14.27	17.44
Head (Asy)		1.02	2.30			33.34	36.53							
Head (Calc)	100.00	1.02	2.19	0.00	0.00	33.30	36.01	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.86	1.02	2.80	0.00	0.00	17.02	10.47	2.86	2.87	3.66	####	####	1.46	0.83
1 to 2	6.06	1.12	3.11	0.00	0.00	17.44	14.22	6.06	6.64	8.60	####	####	3.17	2.39
1 to 3	13.54	1.22	3.42	0.00	0.00	21.83	23.45	13.54	16.19	21.19	####	####	8.87	8.82
1 to 4	21.12	1.22	3.46	0.00	0.00	25.32	28.31	21.12	25.27	33.38	####	####	16.06	16.60
1 to 5	38.54	1.11	3.06	0.00	0.00	29.80	33.62	38.54	42.04	53.93	####	####	34.49	35.98
6 to 6	7.29	0.66	1.36	0.00	0.00	45.32	46.52	7.29	4.73	4.53	####	####	9.92	9.42
6 to 7	17.45	0.64	1.59	0.00	0.00	43.62	45.11	17.45	10.91	12.71	####	####	22.85	21.86
6 to 8	30.24	0.57	1.34	0.00	0.00	40.79	40.61	30.24	16.94	18.55	####	####	37.03	34.10
6 to 9	39.59	0.54	1.16	0.00	0.00	39.26	38.50	39.59	21.17	20.95	####	####	46.67	42.33
6 to 10	44.31	0.54	1.12	0.00	0.00	38.52	37.86	44.31	23.49	22.63	####	####	51.24	46.58
6 to 11	61.46	0.96	1.64	0.00	0.00	35.50	37.51	61.46	57.96	46.07	####	####	65.51	64.02

B.M.+S.—Metallurgical Laboratory Report

6043-133				Assays								Distribution		
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.55	1.06	3.00			11.80	12.17	2.55	2.48	2.96	####	####	0.90	0.87
+150 M	2.69	1.22	4.10			17.68	14.70	2.69	3.01	4.27	####	####	1.44	1.10
+200 M	7.04	1.34	4.12			26.26	28.39	7.04	8.64	11.24	####	####	5.52	5.58
+270 M	6.87	1.26	4.20			32.20	31.68	6.87	7.93	11.18	####	####	6.61	6.08
+400 M	15.53	1.02	3.28			35.64	38.78	15.53	14.51	19.73	####	####	16.53	16.82
-400 M	65.32	1.06	2.00			35.38	38.11	65.32	63.43	50.61	####	####	69.01	69.54
+#1 Conc	6.50	0.74	1.72			46.10	49.49	6.50	4.41	4.33	####	####	8.95	8.99
+#2 C	9.10	0.64	2.12			41.08	40.12	9.10	5.34	7.47	####	####	11.16	10.20
+#3 C	11.72	0.50	1.46			35.14	30.76	11.72	5.37	6.63	####	####	12.30	10.07
+#4 C	9.22	0.48	1.20			33.74	28.98	9.22	4.05	4.29	####	####	9.29	7.46
+#5 C	4.75	0.50	1.40			31.26	27.42	4.75	2.18	2.58	####	####	4.43	3.64
-#5 C	24.03	1.91	2.72	0.00	0.00	31.88	43.47	24.03	42.09	25.32	####	####	22.88	29.18
Head (Asy)		1.10	2.76			32.64	36.55							
Head (Calc)	100.00	1.09	2.58	0.00	0.00	33.49	35.80	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution		
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.55	1.06	3.00	0.00	0.00	11.80	12.17	2.55	2.48	2.96	####	####	0.90	0.87
1 to 2	5.24	1.14	3.56	0.00	0.00	14.92	13.47	5.24	5.48	7.24	####	####	2.33	1.97
1 to 3	12.28	1.26	3.88	0.00	0.00	21.42	22.02	12.28	14.13	18.47	####	####	7.36	7.55
1 to 4	19.15	1.26	4.00	0.00	0.00	25.29	25.49	19.15	22.06	29.65	####	####	14.46	13.63
1 to 5	34.68	1.15	3.68	0.00	0.00	29.92	31.44	34.68	36.57	49.39	####	####	30.99	30.46
6 to 6	6.50	0.74	1.72	0.00	0.00	46.10	49.49	6.50	4.41	4.33	####	####	8.95	8.99
6 to 7	15.60	0.68	1.95	0.00	0.00	43.17	44.02	15.60	9.74	11.81	####	####	20.11	19.19
6 to 8	27.32	0.60	1.74	0.00	0.00	39.73	38.33	27.32	15.11	18.43	####	####	32.41	29.26
6 to 9	36.54	0.57	1.61	0.00	0.00	38.22	35.97	36.54	19.17	22.72	####	####	41.70	36.72
6 to 10	41.29	0.56	1.58	0.00	0.00	37.42	34.99	41.29	21.34	25.30	####	####	46.13	40.36
6 to 11	65.32	1.06	2.00	0.00	0.00	35.38	38.11	65.32	63.43	50.61	####	####	69.01	69.54

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6043-134				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	1.32	2.36			26.58	27.09	0.04	0.04	0.04	####	####	0.04	0.03
+150 M	0.87	1.32	2.36			26.58	27.09	0.87	0.95	0.85	####	####	0.76	0.75
+200 M	1.15	1.22	2.66			23.72	26.75	1.15	1.17	1.26	####	####	0.90	0.98
+270 M	0.81	0.90	2.72			20.26	22.29	0.81	0.61	0.91	####	####	0.54	0.58
+400 M	3.32	0.76	2.28			21.80	24.30	3.32	2.10	3.26	####	####	2.39	2.57
-400 M	93.81	1.22	2.42			30.74	31.77	93.81	95.13	93.68	####	####	95.36	95.08
+#1 Conc	0.92	0.64	1.78			43.72	48.59	0.92	0.49	0.68	####	####	1.33	1.43
+#2 C	2.65	0.64	1.78			43.72	48.59	2.65	1.41	1.95	####	####	3.83	4.11
+#3 C	8.22	0.48	1.00			34.64	37.19	8.22	3.28	3.39	####	####	9.42	9.75
+#4 C	13.23	0.42	0.72			32.28	32.14	13.23	4.62	3.93	####	####	14.12	13.57
+#5 C	10.69	0.42	0.76			31.72	30.46	10.69	3.73	3.35	####	####	11.21	10.39
-#5 C	58.10	1.69	3.35	0.00	0.00	28.66	30.13	58.10	81.60	80.38	####	####	55.45	55.84
Head (Asy)		1.22	2.64			30.18	31.96							
Head (Calc)	100.00	1.20	2.42	0.00	0.00	30.24	31.34	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	1.32	2.36	0.00	0.00	26.58	27.09	0.04	0.04	0.04	####	####	0.04	0.03
1 to 2	0.91	1.32	2.36	0.00	0.00	26.58	27.09	0.91	1.00	0.89	####	####	0.80	0.79
1 to 3	2.06	1.26	2.53	0.00	0.00	24.98	26.90	2.06	2.16	2.15	####	####	1.70	1.77
1 to 4	2.87	1.16	2.58	0.00	0.00	23.65	25.60	2.87	2.77	3.06	####	####	2.24	2.34
1 to 5	6.19	0.95	2.47	0.00	0.00	22.66	24.90	6.19	4.87	6.32	####	####	4.64	4.92
6 to 6	0.92	0.64	1.78	0.00	0.00	43.72	48.59	0.92	0.49	0.68	####	####	1.33	1.43
6 to 7	3.57	0.64	1.78	0.00	0.00	43.72	48.59	3.57	1.90	2.62	####	####	5.16	5.53
6 to 8	11.79	0.53	1.24	0.00	0.00	37.39	40.64	11.79	5.18	6.01	####	####	14.58	15.29
6 to 9	25.02	0.47	0.96	0.00	0.00	34.69	36.15	25.02	9.80	9.95	####	####	28.70	28.85
6 to 10	35.71	0.46	0.90	0.00	0.00	33.80	34.44	35.71	13.53	13.30	####	####	39.91	39.24
6 to 11	93.81	1.22	2.42	0.00	0.00	30.74	31.77	93.81	95.13	93.68	####	####	95.36	95.08

S.M.+S.—Metallurgical Laboratory Report

6043-135				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.87	1.00	3.00			11.08	10.84	2.87	2.80	3.41	####	####	0.99	0.87
+150 M	3.22	1.22	3.84			16.08	18.31	3.22	3.84	4.90	####	####	1.61	1.65
+200 M	7.73	1.34	4.36			24.24	28.03	7.73	10.11	13.34	####	####	5.84	6.06
+270 M	8.26	1.22	4.00			30.12	35.51	8.26	9.84	13.08	####	####	7.75	8.20
+400 M	19.21	0.98	3.08			33.68	38.50	19.21	18.38	23.43	####	####	20.16	20.67
-400 M	58.71	0.96	1.80			34.78	38.12	58.71	55.03	41.84	####	####	63.64	62.56
+#1 Conc	5.76	0.68	1.62			44.02	52.70	5.76	3.82	3.69	####	####	7.90	8.48
+#2 C	9.53	0.64	1.96			43.82	50.10	9.53	5.96	7.40	####	####	13.01	13.35
+#3 C	12.09	0.50	1.44			35.70	38.55	12.09	5.90	6.89	####	####	13.45	13.03
+#4 C	8.76	0.48	1.04			33.42	33.92	8.76	4.11	3.61	####	####	9.12	8.31
+#5 C	4.54	0.52	1.16			31.20	32.57	4.54	2.30	2.09	####	####	4.41	4.13
-#5 C	18.03	1.87	2.54	0.00	0.00	28.00	30.28	18.03	32.94	18.17	####	####	15.73	15.26
Head (Asy)		1.04	2.66			32.38	36.16							
Head (Calc)	100.00	1.02	2.53	0.00	0.00	32.09	35.78	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.87	1.00	3.00	0.00	0.00	11.08	10.84	2.87	2.80	3.41	####	####	0.99	0.87
1 to 2	6.09	1.12	3.44	0.00	0.00	13.72	14.79	6.09	6.64	8.30	####	####	2.60	2.52
1 to 3	13.82	1.24	3.96	0.00	0.00	19.61	22.20	13.82	16.75	21.65	####	####	8.44	8.57
1 to 4	22.08	1.23	3.97	0.00	0.00	23.54	27.18	22.08	26.59	34.73	####	####	16.20	16.77
1 to 5	41.29	1.12	3.56	0.00	0.00	28.26	32.44	41.29	44.97	58.16	####	####	36.36	37.44
6 to 6	5.76	0.69	1.62	0.00	0.00	44.02	52.70	5.76	3.82	3.69	####	####	7.90	8.48
6 to 7	15.29	0.66	1.83	0.00	0.00	43.90	51.08	15.29	9.78	11.09	####	####	20.92	21.83
6 to 8	27.38	0.59	1.66	0.00	0.00	40.28	45.55	27.38	15.68	17.98	####	####	34.37	34.86
6 to 9	36.14	0.56	1.51	0.00	0.00	38.61	42.73	36.14	19.79	21.59	####	####	43.49	43.16
6 to 10	40.68	0.56	1.47	0.00	0.00	37.79	41.59	40.68	22.09	23.68	####	####	47.91	47.30
6 to 11	58.71	0.96	1.80	0.00	0.00	34.78	38.12	58.71	55.03	41.84	####	####	63.64	62.56

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6043-136				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.02	0.92	1.98			13.60	10.80	2.02	1.97	1.35	####	####	0.87	0.62
+150 M	2.99	1.16	3.94			17.31	19.28	2.99	3.67	3.98	####	####	1.64	1.63
+200 M	6.04	1.14	4.56			23.62	28.91	6.04	7.29	9.30	####	####	4.53	4.94
+270 M	7.10	1.06	4.32			28.27	35.85	7.10	7.96	10.36	####	####	6.37	7.20
+400 M	17.04	0.85	3.66			32.68	40.08	17.04	15.33	21.18	####	####	17.68	19.32
-400 M	64.81	0.93	2.46			33.48	36.16	64.81	63.78	53.84	####	####	68.90	66.29
+#1 Conc	4.36	0.70	1.62			48.00	49.49	4.36	3.23	2.39	####	####	6.65	6.10
+#2 C	8.78	0.63	2.44			45.10	45.92	8.78	5.85	7.23	####	####	12.57	11.40
+#3 C	12.26	0.44	1.95			35.66	35.22	12.26	5.71	8.20	####	####	13.88	12.21
+#4 C	9.86	0.44	1.23			32.61	33.44	9.86	4.59	4.26	####	####	10.21	9.33
+#5 C	5.61	0.42	1.48			30.50	31.21	5.61	2.49	2.80	####	####	5.43	4.95
-#5 C	23.94	1.65	3.58	0.00	0.00	26.51	32.91	23.94	41.91	28.96	####	####	20.16	22.29
Head (Asy)		1.01	3.18			31.28	36.33							
Head (Calc)	100.00	0.94	2.96	0.00	0.00	31.49	35.35	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.02	0.92	1.98	0.00	0.00	13.60	10.80	2.02	1.97	1.35	####	####	0.87	0.62
1 to 2	5.01	1.06	3.15	0.00	0.00	15.81	15.86	5.01	5.64	5.33	####	####	2.52	2.25
1 to 3	11.05	1.11	3.92	0.00	0.00	20.08	22.99	11.05	12.92	14.63	####	####	7.05	7.19
1 to 4	18.15	1.09	4.08	0.00	0.00	23.28	28.02	18.15	20.89	24.99	####	####	13.42	14.39
1 to 5	35.19	0.97	3.88	0.00	0.00	27.83	33.86	35.19	36.22	46.16	####	####	31.10	33.71
6 to 6	4.36	0.70	1.62	0.00	0.00	48.00	49.49	4.36	3.23	2.39	####	####	6.65	6.10
6 to 7	13.14	0.65	2.17	0.00	0.00	46.06	47.10	13.14	9.08	9.62	####	####	19.22	17.51
6 to 8	25.40	0.55	2.08	0.00	0.00	41.04	41.37	25.40	14.79	17.82	####	####	33.10	29.72
6 to 9	35.26	0.52	1.85	0.00	0.00	38.68	39.15	35.26	19.38	22.08	####	####	43.31	39.05
6 to 10	40.87	0.51	1.80	0.00	0.00	37.56	38.06	40.87	21.88	24.88	####	####	48.74	44.00
6 to 11	64.81	0.93	2.46	0.00	0.00	33.48	36.16	64.81	63.78	53.84	####	####	68.90	66.29

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6043-137		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	0.86	3.48			17.46	18.73	0.04	0.03	0.05	####	####	0.02	0.02
+150 M	0.06	0.86	3.48			17.46	18.73	0.06	0.04	0.07	####	####	0.04	0.04
+200 M	0.41	0.86	3.48			17.46	18.73	0.41	0.28	0.47	####	####	0.25	0.25
+270 M	0.69	0.86	3.48			17.46	18.73	0.69	0.47	0.78	####	####	0.42	0.42
+400 M	2.44	0.86	3.10			21.58	26.30	2.44	1.66	2.47	####	####	1.82	2.07
-400 M	96.36	1.28	3.06			29.25	31.21	96.36	97.52	96.17	####	####	97.45	97.20
+#1 Conc	0.96	0.70	2.90			43.78	47.70	0.96	0.53	0.91	####	####	1.45	1.48
+#2 C	2.26	0.70	2.90			43.78	47.70	2.26	1.25	2.14	####	####	3.42	3.48
+#3 C	6.82	0.53	2.20			33.80	33.88	6.82	2.86	4.89	####	####	7.97	7.47
+#4 C	11.83	0.50	1.54			30.62	33.44	11.83	4.68	5.94	####	####	12.52	12.79
+#5 C	10.51	0.44	1.58			30.04	31.88	10.51	3.66	5.42	####	####	10.92	10.83
-#5 C	63.98	1.67	3.68	0.00	0.00	27.65	29.57	63.98	84.55	76.87	####	####	61.17	61.15
Head (Asy)		1.37	3.10			28.18	33.66							
Head (Calc)	100.00	1.26	3.07	0.00	0.00	28.92	30.94	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	0.86	3.48	0.00	0.00	17.46	18.73	0.04	0.03	0.05	####	####	0.02	0.02
1 to 2	0.10	0.86	3.48	0.00	0.00	17.46	18.73	0.10	0.07	0.11	####	####	0.06	0.06
1 to 3	0.51	0.86	3.48	0.00	0.00	17.46	18.73	0.51	0.35	0.58	####	####	0.31	0.31
1 to 4	1.20	0.86	3.48	0.00	0.00	17.46	18.73	1.20	0.82	1.36	####	####	0.72	0.73
1 to 5	3.64	0.86	3.23	0.00	0.00	20.22	23.80	3.64	2.48	3.83	####	####	2.55	2.80
6 to 6	0.96	0.70	2.90	0.00	0.00	43.78	47.70	0.96	0.53	0.91	####	####	1.45	1.48
6 to 7	3.22	0.70	2.90	0.00	0.00	43.78	47.70	3.22	1.78	3.05	####	####	4.87	4.96
6 to 8	10.04	0.58	2.42	0.00	0.00	37.00	38.31	10.04	4.64	7.94	####	####	12.84	12.43
6 to 9	21.87	0.54	1.95	0.00	0.00	33.55	35.68	21.87	9.32	13.88	####	####	25.37	25.22
6 to 10	32.38	0.51	1.83	0.00	0.00	32.41	34.44	32.38	12.97	19.30	####	####	36.29	36.05
6 to 11	96.36	1.28	3.06	0.00	0.00	29.25	31.21	96.36	97.52	96.17	####	####	97.45	97.20

B.M.+S.—Metallurgical Laboratory Report

6043-138				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.43	0.91	3.18			14.07	11.15	2.43	2.15	2.35	####	####	1.03	0.76
+150 M	3.51	1.22	4.20			17.68	9.95	3.51	4.17	4.49	####	####	1.88	0.99
+200 M	6.96	1.34	4.76			25.02	28.56	6.96	9.08	10.08	####	####	5.27	5.61
+270 M	7.88	1.12	4.54			30.42	32.03	7.88	8.59	10.89	####	####	7.25	7.12
+400 M	19.76	0.88	4.06			34.36	40.03	19.76	16.93	24.42	####	####	20.53	22.33
-400 M	59.46	1.02	2.64			35.62	37.65	59.46	59.06	47.77	####	####	64.04	63.19
+#1 Cone	4.88	0.68	2.00			47.74	46.09	4.88	3.23	2.97	####	####	7.04	6.35
+#2 C	9.65	0.63	2.80			44.12	43.71	9.65	5.92	8.22	####	####	12.87	11.91
+#3 C	12.73	0.53	1.76			36.26	38.09	12.73	6.57	6.82	####	####	13.96	13.69
+#4 C	9.29	0.50	1.46			31.10	34.19	9.29	4.52	4.13	####	####	8.74	8.97
+#5 C	4.78	0.56	1.56			30.66	31.60	4.78	2.61	2.27	####	####	4.43	4.26
-#5 C	18.13	2.05	4.23	0.00	0.00	31.01	35.21	18.13	36.21	23.36	####	####	17.00	18.02
Head (Asv)		1.06	3.30			31.20	36.62							
Head (Calc)	100.00	1.03	3.29	0.00	0.00	33.07	35.43	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.43	0.91	3.18	0.00	0.00	14.07	11.15	2.43	2.15	2.35	####	####	1.03	0.76
1 to 2	5.94	1.09	3.78	0.00	0.00	16.20	10.44	5.94	6.32	6.84	####	####	2.91	1.75
1 to 3	12.90	1.23	4.31	0.00	0.00	20.96	20.22	12.90	15.41	16.92	####	####	8.18	7.36
1 to 4	20.78	1.19	4.40	0.00	0.00	24.55	24.70	20.78	24.00	27.81	####	####	15.42	14.49
1 to 5	40.54	1.04	4.23	0.00	0.00	29.33	32.17	40.54	40.94	52.23	####	####	35.96	36.81
6 to 6	4.88	0.68	2.00	0.00	0.00	47.74	46.09	4.88	3.23	2.97	####	####	7.04	6.35
6 to 7	14.53	0.65	2.53	0.00	0.00	45.34	44.51	14.53	9.15	11.19	####	####	19.92	18.25
6 to 8	27.26	0.59	2.17	0.00	0.00	41.10	41.51	27.26	15.72	18.01	####	####	33.88	31.94
6 to 9	36.55	0.57	1.99	0.00	0.00	38.56	39.65	36.55	20.25	22.14	####	####	42.61	40.91
6 to 10	41.33	0.57	1.94	0.00	0.00	37.64	38.72	41.33	22.85	24.41	####	####	47.05	45.17
6 to 11	59.46	1.02	2.64	0.00	0.00	35.62	37.65	59.46	59.06	47.77	####	####	64.04	63.19

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6043-139				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.77	1.12	3.84			12.60	12.72	2.77	2.56	3.83	####	####	1.11	0.95
+150 M	2.98	1.38	4.77			19.14	21.58	2.98	3.39	5.12	####	####	1.81	1.74
+200 M	7.09	1.32	4.47			26.06	30.83	7.09	7.72	11.41	####	####	5.85	5.91
+270 M	6.66	1.17	3.84			30.90	37.00	6.66	6.43	9.21	####	####	6.52	6.67
+400 M	14.54	0.90	3.02			33.38	40.47	14.54	10.80	15.81	####	####	15.37	15.92
-400 M	65.96	1.27	2.30			33.20	38.55	65.96	69.10	54.62	####	####	69.35	68.60
+#1 Conc	5.83	0.85	1.61			44.74	53.58	5.83	4.09	3.38	####	####	8.26	8.45
+#2 C	8.80	0.70	2.28			41.96	49.72	8.80	5.08	7.22	####	####	11.69	11.84
+#3 C	11.83	0.64	1.30			35.60	37.00	11.83	6.25	5.54	####	####	13.34	11.84
+#4 C	9.59	0.63	1.29			33.96	35.46	9.59	4.98	4.45	####	####	10.31	9.20
+#5 C	5.37	0.67	0.88			32.78	33.53	5.37	2.97	1.70	####	####	5.57	4.87
-#5 C	24.54	2.26	3.66	0.00	0.00	25.96	34.03	24.54	45.74	32.33	####	####	20.17	22.59
Head (Asy)		1.23	2.70			32.72	36.62							
Head (Calc)	100.00	1.21	2.78	0.00	0.00	31.58	36.96	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.77	1.12	3.84	0.00	0.00	12.60	12.72	2.77	2.56	3.83	####	####	1.11	0.95
1 to 2	5.75	1.25	4.32	0.00	0.00	15.99	17.31	5.75	5.95	8.95	####	####	2.91	2.69
1 to 3	12.84	1.29	4.40	0.00	0.00	21.55	24.78	12.84	13.67	20.36	####	####	8.76	8.61
1 to 4	19.50	1.25	4.21	0.00	0.00	24.74	28.95	19.50	20.10	29.57	####	####	15.28	15.28
1 to 5	34.04	1.10	3.70	0.00	0.00	28.43	33.87	34.04	30.90	45.38	####	####	30.65	31.20
6 to 6	5.83	0.85	1.61	0.00	0.00	44.74	53.58	5.83	4.09	3.38	####	####	8.26	8.45
6 to 7	14.63	0.76	2.01	0.00	0.00	43.07	51.26	14.63	9.17	10.60	####	####	19.95	20.29
6 to 8	26.46	0.71	1.69	0.00	0.00	39.73	44.88	26.46	15.42	16.14	####	####	33.29	32.13
6 to 9	36.05	0.69	1.59	0.00	0.00	38.19	42.38	36.05	20.40	20.60	####	####	43.60	41.34
6 to 10	41.42	0.68	1.50	0.00	0.00	37.49	41.23	41.42	23.37	22.30	####	####	49.18	46.21
6 to 11	65.96	1.27	2.30	0.00	0.00	33.20	38.55	65.96	69.10	54.62	####	####	69.35	68.60

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6043-140

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.05	1.68	2.81			28.48	27.37	0.05	0.05	0.07	####	####	0.05	0.04
+150 M	1.10	1.68	2.92			28.48	27.37	1.10	1.15	1.64	####	####	1.02	0.96
+200 M	1.15	1.46	2.54			24.84	25.44	1.15	1.05	1.50	####	####	0.93	0.93
+270 M	0.86	0.95	2.48			23.64	23.47	0.86	0.51	1.09	####	####	0.66	0.64
+400 M	3.11	0.96	2.82			25.92	26.66	3.11	1.86	4.49	####	####	2.62	2.63
-400 M	93.73	1.63	1.90			31.10	31.83	93.73	95.37	91.20	####	####	94.73	94.79
+#1 Conc	0.70	0.78	1.90			43.08	49.74	0.70	0.34	0.68	####	####	0.98	1.11
+#2 C	1.94	0.78	1.26			43.08	49.74	1.94	0.94	1.25	####	####	2.72	3.07
+#3 C	5.78	0.49	0.95			35.34	36.20	5.78	1.77	2.81	####	####	6.64	6.65
+#4 C	10.70	0.49	0.87			32.10	31.83	10.70	3.27	4.77	####	####	11.16	10.82
+#5 C	9.99	0.42	2.52			31.58	31.43	9.99	2.62	12.89	####	####	10.25	9.98
-#5 C	64.62	2.14	2.08	0.00	0.00	29.99	30.77	64.62	86.43	68.80	####	####	62.98	63.18
Head (Asy)		1.51	2.00			29.98	31.83							
Head (Calc)	100.00	1.60	1.95	0.00	0.00	30.77	31.47	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.05	1.68	2.81	0.00	0.00	28.48	27.37	0.05	0.05	0.07	####	####	0.05	0.04
1 to 2	1.15	1.68	2.92	0.00	0.00	28.48	27.37	1.15	1.21	1.72	####	####	1.06	1.00
1 to 3	2.30	1.57	2.73	0.00	0.00	26.66	26.41	2.30	2.25	3.21	####	####	1.99	1.93
1 to 4	3.16	1.40	2.66	0.00	0.00	25.84	25.61	3.16	2.76	4.31	####	####	2.65	2.57
1 to 5	6.27	1.18	2.74	0.00	0.00	25.88	26.13	6.27	4.63	8.80	####	####	5.27	5.21
6 to 6	0.70	0.78	1.90	0.00	0.00	43.08	49.74	0.70	0.34	0.68	####	####	0.98	1.11
6 to 7	2.64	0.78	1.43	0.00	0.00	43.08	49.74	2.64	1.29	1.93	####	####	3.70	4.17
6 to 8	8.42	0.58	1.10	0.00	0.00	37.77	40.45	8.42	3.05	4.75	####	####	10.33	10.82
6 to 9	19.12	0.53	0.97	0.00	0.00	34.60	35.62	19.12	6.33	9.51	####	####	21.50	21.64
6 to 10	29.11	0.49	1.50	0.00	0.00	33.56	34.18	29.11	8.95	22.41	####	####	31.75	31.62
6 to 11	93.73	1.63	1.90	0.00	0.00	31.10	31.83	93.73	95.37	91.20	####	####	94.73	94.79

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6043-141				Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.80	1.14	3.60			15.72	11.14	2.80	2.76	3.61	####	####	1.32	0.91
+150 M	3.25	1.34	4.36			19.78	20.29	3.25	3.77	5.07	####	####	1.93	1.92
+200 M	7.68	1.38	4.34			26.70	28.13	7.68	9.17	11.93	####	####	6.15	6.28
+270 M	7.49	1.18	3.78			31.38	33.76	7.49	7.65	10.13	####	####	7.05	7.35
+400 M	16.89	0.92	3.40			34.52	29.43	16.89	13.45	20.55	####	####	17.49	14.45
-400 M	61.89	1.18	2.20			35.58	38.39	61.89	63.20	48.72	####	####	66.06	69.09
+#1 Conc	7.55	0.64	2.04			43.78	50.12	7.55	4.18	5.51	####	####	9.92	11.00
+#2 C	10.09	0.62	2.44			41.94	48.34	10.09	5.41	8.81	####	####	12.69	14.18
+#3 C	12.50	0.52	1.38			35.06	36.20	12.50	5.63	6.17	####	####	13.15	13.16
+#4 C	9.30	0.56	1.00			33.12	32.63	9.30	4.51	3.33	####	####	9.24	8.82
+#5 C	4.66	0.64	1.10			31.16	29.84	4.66	2.58	1.63	####	####	4.36	4.04
-#5 C	17.79	2.66	3.62	0.00	0.00	31.30	34.56	17.79	40.89	23.06	####	####	16.71	17.88
Head (Asy)		1.16	2.94			32.98	36.81							
Head (Calc)	100.00	1.16	2.79	0.00	0.00	33.33	34.39	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.80	1.14	3.60	0.00	0.00	15.72	11.14	2.80	2.76	3.61	####	####	1.32	0.91
1 to 2	6.05	1.25	4.01	0.00	0.00	17.90	16.06	6.05	6.53	8.68	####	####	3.25	2.82
1 to 3	13.73	1.32	4.19	0.00	0.00	22.82	22.81	13.73	15.70	20.60	####	####	9.40	9.11
1 to 4	21.22	1.27	4.05	0.00	0.00	25.84	26.67	21.22	23.35	30.73	####	####	16.45	16.46
1 to 5	38.11	1.12	3.76	0.00	0.00	29.69	27.90	38.11	36.80	51.28	####	####	33.94	30.91
6 to 6	7.55	0.64	2.04	0.00	0.00	43.78	50.12	7.55	4.18	5.51	####	####	9.92	11.00
6 to 7	17.64	0.63	2.27	0.00	0.00	42.73	49.10	17.64	9.60	14.32	####	####	22.61	25.19
6 to 8	30.14	0.58	1.90	0.00	0.00	39.55	43.75	30.14	15.22	20.49	####	####	35.76	38.34
6 to 9	39.44	0.58	1.69	0.00	0.00	38.03	41.13	39.44	19.73	23.82	####	####	45.00	47.17
6 to 10	44.10	0.58	1.63	0.00	0.00	37.31	39.94	44.10	22.31	25.65	####	####	49.35	51.21
6 to 11	61.89	1.18	2.20	0.00	0.00	35.58	38.39	61.89	63.20	48.72	####	####	66.06	69.09

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6043-142				Assays				Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.53	1.14	3.66			15.46	11.94	2.53	2.56	3.53	####	####	1.17	0.84
+150 M	3.46	1.38	4.60			20.54	21.89	3.46	4.24	6.07	####	####	2.12	2.11
+200 M	6.57	1.30	4.38			27.10	30.24	6.57	7.59	10.98	####	####	5.31	5.54
+270 M	7.27	1.06	3.56			32.30	35.41	7.27	6.84	9.93	####	####	7.00	7.18
+400 M	16.36	0.74	2.78			34.82	38.99	16.36	10.75	17.36	####	####	16.98	17.79
-400 M	63.81	1.20	2.14			35.44	37.40	63.81	68.01	52.12	####	####	67.42	66.54
+#1 Conc	5.30	0.68	1.56			44.46	31.45	5.30	3.20	3.16	####	####	7.03	4.65
+#2 C	8.64	0.60	2.14			43.16	48.10	8.64	4.60	7.06	####	####	11.12	11.59
+#3 C	11.68	0.48	1.24			35.86	38.85	11.68	4.98	5.53	####	####	12.49	12.65
+#4 C	9.64	0.44	1.18			33.74	32.93	9.64	3.77	4.34	####	####	9.70	8.85
+#5 C	5.55	0.46	1.02			31.42	31.08	5.55	2.27	2.16	####	####	5.20	4.81
-#5 C	23.00	2.41	3.40	0.00	0.00	31.93	37.41	23.00	49.19	29.87	####	####	21.90	23.99
Head (Asy)		1.20	2.70			32.84	35.52							
Head (Calc)	100.00	1.13	2.62	0.00	0.00	33.54	35.86	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.53	1.14	3.66	0.00	0.00	15.46	11.94	2.53	2.56	3.53	####	####	1.17	0.84
1 to 2	5.99	1.28	4.20	0.00	0.00	18.39	17.69	5.99	6.80	9.61	####	####	3.28	2.95
1 to 3	12.56	1.29	4.30	0.00	0.00	22.95	24.25	12.56	14.39	20.59	####	####	8.59	8.49
1 to 4	19.83	1.21	4.03	0.00	0.00	26.38	28.34	19.83	21.23	30.52	####	####	15.59	15.67
1 to 5	36.19	1.00	3.47	0.00	0.00	30.19	33.16	36.19	31.99	47.88	####	####	32.58	33.46
6 to 6	5.30	0.68	1.56	0.00	0.00	44.46	31.45	5.30	3.20	3.16	####	####	7.03	4.65
6 to 7	13.94	0.63	1.92	0.00	0.00	43.65	41.77	13.94	7.81	10.21	####	####	18.14	16.24
6 to 8	25.62	0.56	1.61	0.00	0.00	40.10	40.44	25.62	12.79	15.74	####	####	30.63	28.89
6 to 9	35.26	0.53	1.49	0.00	0.00	38.36	38.39	35.26	16.55	20.08	####	####	40.33	37.74
6 to 10	40.81	0.52	1.43	0.00	0.00	37.42	37.39	40.81	18.82	22.24	####	####	45.53	42.55
6 to 11	63.81	1.20	2.14	0.00	0.00	35.44	37.40	63.81	68.01	52.12	####	####	67.42	66.54

B.M.+S.--Metallurgical Laboratory Report

6043-143			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	0.82	2.86			19.38	18.13	0.04	0.02	0.04	####	####	0.02	0.02
+150 M	0.05	0.82	2.86			19.38	18.13	0.05	0.03	0.05	####	####	0.03	0.03
+200 M	0.35	0.82	2.86			19.38	18.13	0.35	0.18	0.36	####	####	0.22	0.20
+270 M	0.58	0.82	2.86			19.38	18.13	0.58	0.29	0.59	####	####	0.36	0.33
+400 M	1.80	0.70	2.72			29.74	26.09	1.80	0.77	1.74	####	####	1.70	1.46
-400 M	97.18	1.66	2.82			31.68	32.38	97.18	98.72	97.23	####	####	97.67	97.96
+#1 Conc	1.15	0.74	2.24			42.14	47.75	1.15	0.52	0.91	####	####	1.54	1.71
+#2 C	2.26	0.74	2.24			42.14	47.75	2.26	1.02	1.80	####	####	3.02	3.36
+#3 C	6.35	0.54	1.48			34.08	35.61	6.35	2.10	3.33	####	####	6.87	7.04
+#4 C	11.04	0.52	1.38			33.28	33.03	11.04	3.51	5.41	####	####	11.66	11.35
+#5 C	10.21	0.52	1.44			32.78	30.63	10.21	3.25	5.22	####	####	10.62	9.74
-#5 C	66.17	2.18	3.43	0.00	0.00	30.47	31.44	66.17	88.31	80.56	####	####	63.97	64.77
Head (Asy)		1.68	2.68			31.60	32.23							
Head (Calc)	100.00	1.63	2.82	0.00	0.00	31.52	32.12	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	0.82	2.86	0.00	0.00	19.38	18.13	0.04	0.02	0.04	####	####	0.02	0.02
1 to 2	0.09	0.82	2.86	0.00	0.00	19.38	18.13	0.09	0.05	0.09	####	####	0.06	0.05
1 to 3	0.44	0.82	2.86	0.00	0.00	19.38	18.13	0.44	0.22	0.45	####	####	0.27	0.25
1 to 4	1.02	0.82	2.86	0.00	0.00	19.38	18.13	1.02	0.51	1.03	####	####	0.63	0.58
1 to 5	2.82	0.74	2.77	0.00	0.00	25.99	23.21	2.82	1.28	2.77	####	####	2.33	2.04
6 to 6	1.15	0.74	2.24	0.00	0.00	42.14	47.75	1.15	0.52	0.91	####	####	1.54	1.71
6 to 7	3.41	0.74	2.24	0.00	0.00	42.14	47.75	3.41	1.54	2.71	####	####	4.56	5.07
6 to 8	9.76	0.61	1.75	0.00	0.00	36.90	39.85	9.76	3.64	6.04	####	####	11.42	12.11
6 to 9	20.80	0.56	1.55	0.00	0.00	34.98	36.23	20.80	7.16	11.45	####	####	23.08	23.46
6 to 10	31.01	0.55	1.51	0.00	0.00	34.25	34.39	31.01	10.40	16.67	####	####	33.70	33.20
6 to 11	97.18	1.66	2.82	0.00	0.00	31.68	32.38	97.18	98.72	97.23	####	####	97.67	97.96

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6043-144

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.13	1.08	4.08			15.34	13.13	3.13	3.11	4.62	####	####	1.40	1.13
+150 M	4.04	1.34	4.76			21.52	22.28	4.04	4.98	6.95	####	####	2.54	2.47
+200 M	7.62	1.26	4.50			27.88	30.63	7.62	8.84	12.39	####	####	6.21	6.41
+270 M	8.11	1.06	3.60			32.26	35.81	8.11	7.92	10.55	####	####	7.65	7.97
+400 M	18.21	0.86	3.16			36.26	39.19	18.21	14.42	20.60	####	####	19.31	19.60
-400 M	58.89	1.12	2.10			36.52	38.60	58.89	60.73	44.69	####	####	62.89	62.42
+#1 Conc	5.23	0.72	1.88			44.76	50.88	5.23	3.47	3.55	####	####	6.84	7.31
+#2 C	9.15	0.68	2.32			43.76	47.03	9.15	5.73	7.67	####	####	11.71	11.82
+#3 C	12.37	0.54	1.72			37.26	36.62	12.37	6.15	7.69	####	####	13.48	12.44
+#4 C	9.45	0.52	1.30			34.48	34.30	9.45	4.52	4.44	####	####	9.53	8.90
+#5 C	4.82	0.54	1.28			32.44	29.87	4.82	2.40	2.23	####	####	4.57	3.95
-#5 C	17.87	2.34	2.96	0.00	0.00	32.07	36.69	17.87	39.46	19.11	####	####	16.76	18.00
Head (Asy)		1.10	3.08			33.08	35.85							
Head (Calc)	100.00	1.09	2.77	0.00	0.00	34.20	36.42	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.13	1.08	4.08	0.00	0.00	15.34	13.13	3.13	3.11	4.62	####	####	1.40	1.13
1 to 2	7.17	1.23	4.46	0.00	0.00	18.82	18.29	7.17	8.10	11.57	####	####	3.95	3.60
1 to 3	14.79	1.24	4.48	0.00	0.00	23.49	24.65	14.79	16.94	23.96	####	####	10.16	10.01
1 to 4	22.90	1.18	4.17	0.00	0.00	26.60	28.60	22.90	24.85	34.51	####	####	17.81	17.98
1 to 5	41.11	1.04	3.72	0.00	0.00	30.88	33.29	41.11	39.27	55.31	####	####	37.11	37.58
6 to 6	5.23	0.72	1.68	0.00	0.00	44.76	50.88	5.23	3.47	3.55	####	####	6.84	7.31
6 to 7	14.38	0.69	2.16	0.00	0.00	44.12	48.43	14.38	9.20	11.23	####	####	18.55	19.12
6 to 8	26.75	0.62	1.96	0.00	0.00	40.95	42.97	26.75	15.35	18.91	####	####	32.03	31.56
6 to 9	36.20	0.60	1.79	0.00	0.00	39.26	40.71	36.20	19.87	23.35	####	####	41.56	40.46
6 to 10	41.02	0.59	1.73	0.00	0.00	38.46	39.43	41.02	22.27	25.58	####	####	46.13	44.42
6 to 11	58.89	1.12	2.10	0.00	0.00	36.52	38.60	58.89	60.73	44.69	####	####	62.89	62.42

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6043-145				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.70	1.12	3.78			17.88	15.42	3.70	4.04	5.82	####	####	1.95	1.69
+150 M	3.40	0.96	3.76			21.12	19.66	3.40	3.18	5.32	####	####	2.12	1.97
+200 M	7.66	0.98	4.42			27.58	27.37	7.66	7.32	14.09	####	####	6.23	6.19
+270 M	7.46	0.88	3.94			32.72	35.27	7.46	6.40	12.23	####	####	7.20	7.77
+400 M	15.96	0.74	2.52			36.50	37.39	15.96	11.52	16.74	####	####	17.18	17.63
-400 M	61.82	1.12	1.78			35.82	35.46	61.82	67.53	45.80	####	####	65.32	64.75
+#1 Conc	6.06	0.60	1.56			44.32	49.72	6.06	3.55	3.93	####	####	7.92	8.90
+#2 C	8.74	0.58	1.66			42.32	46.45	8.74	4.94	6.04	####	####	10.91	11.99
+#3 C	13.25	0.50	1.12			36.36	37.39	13.25	6.46	6.18	####	####	14.21	14.63
+#4 C	9.03	0.46	0.98			34.44	32.19	9.03	4.05	3.68	####	####	9.17	8.59
+#5 C	4.90	0.48	0.92			32.16	28.14	4.90	2.29	1.88	####	####	4.65	4.07
-#5 C	19.84	2.39	2.92	0.00	0.00	31.53	28.27	19.84	46.23	24.09	####	####	18.45	16.57
Head (Asy)		1.04	2.38			33.56	34.11							
Head (Calc)	100.00	1.03	2.40	0.00	0.00	33.90	33.86	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.70	1.12	3.78	0.00	0.00	17.88	15.42	3.70	4.04	5.82	####	####	1.95	1.69
1 to 2	7.10	1.04	3.77	0.00	0.00	19.43	17.45	7.10	7.23	11.14	####	####	4.07	3.66
1 to 3	14.76	1.01	4.11	0.00	0.00	23.66	22.60	14.76	14.55	25.23	####	####	10.30	9.85
1 to 4	22.22	0.97	4.05	0.00	0.00	26.70	26.85	22.22	20.95	37.46	####	####	17.50	17.62
1 to 5	38.18	0.87	3.41	0.00	0.00	30.80	31.26	38.18	32.47	54.20	####	####	34.68	35.25
6 to 6	6.06	0.60	1.56	0.00	0.00	44.32	49.72	6.06	3.55	3.93	####	####	7.92	8.90
6 to 7	14.80	0.59	1.62	0.00	0.00	43.14	47.79	14.80	8.49	9.97	####	####	18.83	20.89
6 to 8	28.05	0.55	1.38	0.00	0.00	39.94	42.88	28.05	14.95	16.15	####	####	33.04	35.52
6 to 9	37.08	0.53	1.29	0.00	0.00	38.60	40.27	37.08	19.00	19.83	####	####	42.22	44.11
6 to 10	41.98	0.52	1.24	0.00	0.00	37.85	38.86	41.98	21.30	21.71	####	####	46.86	48.18
6 to 11	61.82	1.12	1.78	0.00	0.00	35.82	35.46	61.82	67.53	45.80	####	####	65.32	64.75

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6043-146				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.21	1.08	1.82			25.06	26.60	0.21	0.19	0.19	####	####	0.17	0.18
+150 M	1.46	1.08	1.82			25.06	26.60	1.46	1.29	1.32	####	####	1.19	1.28
+200 M	1.82	1.16	2.37			25.72	26.02	1.82	1.72	2.15	####	####	1.52	1.56
+270 M	1.18	0.85	2.41			24.88	25.05	1.18	0.82	1.42	####	####	0.95	0.97
+400 M	3.38	0.76	1.56			24.02	22.90	3.38	2.10	2.80	####	####	2.63	2.66
-400 M	91.95	1.25	2.01			31.40	30.83	91.95	93.88	92.12	####	####	93.55	93.34
+#1 Conc	1.40	0.64	1.72			39.10	43.94	1.40	0.73	1.20	####	####	1.77	2.03
+#2 C	3.15	0.64	1.72			39.10	43.94	3.15	1.65	2.70	####	####	3.99	4.56
+#3 C	10.61	0.40	0.85			33.42	34.30	10.61	3.47	4.50	####	####	11.49	11.98
+#4 C	15.46	0.44	0.70			32.82	33.15	15.46	5.56	5.39	####	####	16.44	16.88
-#5 C	10.55	0.52	1.16			31.22	29.30	10.55	4.48	6.10	####	####	10.67	10.18
-#5 C	50.78	1.88	2.85	0.00	0.00	29.89	28.54	50.78	78.00	72.23	####	####	49.18	47.72
Head (Asv)		1.29	2.28			30.88	31.61							
Head (Calc)	100.00	1.22	2.01	0.00	0.00	30.86	30.37	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.21	1.08	1.82	0.00	0.00	25.06	26.60	0.21	0.19	0.19	####	####	0.17	0.18
1 to 2	1.67	1.08	1.82	0.00	0.00	25.06	26.60	1.67	1.47	1.51	####	####	1.36	1.46
1 to 3	3.49	1.12	2.11	0.00	0.00	25.40	26.30	3.49	3.20	3.66	####	####	2.87	3.02
1 to 4	4.67	1.05	2.18	0.00	0.00	25.27	25.98	4.67	4.02	5.08	####	####	3.82	4.00
1 to 5	8.05	0.93	1.96	0.00	0.00	24.75	25.11	8.05	6.12	7.88	####	####	6.45	6.66
6 to 6	1.40	0.64	1.72	0.00	0.00	39.10	43.94	1.40	0.73	1.20	####	####	1.77	2.03
6 to 7	4.55	0.64	1.72	0.00	0.00	39.10	43.94	4.55	2.38	3.90	####	####	5.76	6.58
6 to 8	15.16	0.47	1.11	0.00	0.00	35.12	37.19	15.16	5.85	8.40	####	####	17.25	18.57
6 to 9	30.62	0.46	0.90	0.00	0.00	33.96	35.15	30.62	11.40	13.79	####	####	33.69	35.44
6 to 10	41.17	0.47	0.97	0.00	0.00	33.26	33.65	41.17	15.88	19.89	####	####	44.36	45.62
6 to 11	91.95	1.25	2.01	0.00	0.00	31.40	30.83	91.95	93.88	92.12	####	####	93.55	93.34

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6043-147				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.92	0.82	2.60			14.00	12.60	4.92	4.43	5.17	####	####	2.02	1.71
+150 M	5.05	0.93	3.41			18.90	18.11	5.05	5.16	6.96	####	####	2.80	2.53
+200 M	10.76	0.94	4.06			26.40	27.16	10.76	11.11	17.66	####	####	8.34	8.08
+270 M	11.34	0.87	3.56			32.90	37.00	11.34	10.83	16.32	####	####	10.92	11.60
+400 M	23.24	0.76	2.62			36.86	35.81	23.24	19.40	24.62	####	####	25.16	23.00
-400 M	44.69	1.00	1.62			38.66	42.97	44.69	49.08	29.27	####	####	50.75	53.08
+#1 Conc	8.70	0.63	1.46			48.00	50.92	8.70	6.02	5.14	####	####	12.27	12.25
+#2 C	12.29	0.63	1.63			43.70	46.55	12.29	8.50	8.10	####	####	15.77	15.81
+#3 C	11.02	0.54	1.30			36.62	37.80	11.02	6.53	5.79	####	####	11.85	11.51
+#4 C	5.06	0.60	1.04			35.34	35.02	5.06	3.33	2.13	####	####	5.25	4.90
+#5 C	2.01	0.70	1.02			33.70	30.24	2.01	1.55	0.83	####	####	1.99	1.66
-#5 C	5.61	3.76	3.21	0.00	0.00	21.91	44.69	5.61	23.14	7.29	####	####	3.61	6.93
Head (Asy)		0.88	2.47			33.74	36.60							
Head (Calc)	100.00	0.91	2.47	0.00	0.00	34.05	36.18	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.92	0.82	2.60	0.00	0.00	14.00	12.60	4.92	4.43	5.17	####	####	2.02	1.71
1 to 2	9.97	0.88	3.01	0.00	0.00	16.48	15.39	9.97	9.59	12.13	####	####	4.83	4.24
1 to 3	20.73	0.91	3.56	0.00	0.00	21.63	21.50	20.73	20.69	29.79	####	####	13.17	12.32
1 to 4	32.07	0.90	3.56	0.00	0.00	25.58	26.98	32.07	31.53	46.12	####	####	24.09	23.92
1 to 5	55.31	0.84	3.16	0.00	0.00	30.32	30.69	55.31	50.92	70.73	####	####	49.25	46.92
6 to 6	8.70	0.63	1.46	0.00	0.00	48.00	50.92	8.70	6.02	5.14	####	####	12.27	12.25
6 to 7	20.99	0.63	1.56	0.00	0.00	45.48	48.36	20.99	14.52	13.23	####	####	28.04	28.06
6 to 8	32.01	0.60	1.47	0.00	0.00	42.43	44.73	32.01	21.06	19.03	####	####	39.89	39.57
6 to 9	37.07	0.60	1.41	0.00	0.00	41.46	43.40	37.07	24.39	21.15	####	####	45.15	44.47
6 to 10	39.08	0.60	1.39	0.00	0.00	41.06	42.72	39.08	25.94	21.98	####	####	47.13	46.15
6 to 11	44.69	1.00	1.62	0.00	0.00	38.66	42.97	44.69	49.08	29.27	####	####	50.75	53.08

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6043-148				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.85	1.12	3.41			15.94	15.52	3.85	4.05	6.14	####	####	1.84	1.65
+150 M	4.00	1.03	3.82			20.18	19.89	4.00	3.87	7.14	####	####	2.42	2.20
+200 M	7.09	1.00	4.22			27.09	29.45	7.09	6.65	13.98	####	####	5.75	5.76
+270 M	7.86	0.85	3.54			33.08	37.40	7.86	6.27	13.00	####	####	7.78	8.11
+400 M	16.78	0.85	1.46			35.68	40.19	16.78	13.39	11.45	####	####	17.92	18.61
-400 M	60.42	1.16	1.71			35.54	38.20	60.42	65.78	48.29	####	####	64.29	63.68
+#1 Conc	5.10	0.61	1.25			45.70	50.53	5.10	2.92	2.98	####	####	6.98	7.11
+#2 C	8.44	0.60	1.48			43.30	49.33	8.44	4.75	5.84	####	####	10.94	11.49
+#3 C	11.17	0.47	1.07			36.00	38.98	11.17	4.93	5.59	####	####	12.04	12.01
-#4 C	8.94	0.49	0.81			33.32	36.20	8.94	4.11	3.38	####	####	8.92	8.93
+#5 C	4.59	0.48	0.91			31.36	38.19	4.59	2.07	1.95	####	####	4.31	4.84
-#5 C	22.18	2.26	2.75	0.00	0.00	31.78	31.55	22.18	47.00	28.55	####	####	21.10	19.30
Head (Asy)		1.06	2.34			32.48	36.20							
Head (Calc)	100.00	1.07	2.14	0.00	0.00	33.40	36.25	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.85	1.12	3.41	0.00	0.00	15.94	15.52	3.85	4.05	6.14	####	####	1.84	1.65
1 to 2	7.85	1.07	3.62	0.00	0.00	18.10	17.75	7.85	7.91	13.28	####	####	4.25	3.84
1 to 3	14.94	1.04	3.90	0.00	0.00	22.36	23.30	14.94	14.57	27.26	####	####	10.00	9.60
1 to 4	22.80	0.97	3.78	0.00	0.00	26.06	28.16	22.80	20.84	40.26	####	####	17.79	17.71
1 to 5	39.58	0.92	2.80	0.00	0.00	30.14	33.26	39.58	34.22	51.71	####	####	35.71	36.32
6 to 6	5.10	0.61	1.25	0.00	0.00	45.70	50.53	5.10	2.92	2.98	####	####	6.98	7.11
6 to 7	13.54	0.60	1.39	0.00	0.00	44.20	49.78	13.54	7.67	8.82	####	####	17.92	18.60
6 to 8	24.71	0.54	1.25	0.00	0.00	40.50	44.90	24.71	12.60	14.40	####	####	29.96	30.61
6 to 9	33.65	0.53	1.13	0.00	0.00	38.59	42.59	33.65	16.71	17.79	####	####	38.88	39.54
6 to 10	38.24	0.52	1.10	0.00	0.00	37.72	42.06	38.24	18.78	19.74	####	####	43.19	44.37
6 to 11	60.42	1.16	1.71	0.00	0.00	35.54	38.20	60.42	65.78	48.29	####	####	64.29	63.68

B.M.+S.--Metallurgical Laboratory Report

6043-149			Assays						Distribution					
Product	wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.27	1.66	2.16			23.46	25.07	0.27	0.30	0.26	####	####	0.20	0.21
+150 M	0.54	1.66	2.16			23.46	25.07	0.54	0.61	0.52	####	####	0.41	0.42
+200 M	1.58	1.30	2.43			25.34	27.26	1.58	1.40	1.71	####	####	1.29	1.35
+270 M	1.09	1.07	2.59			27.06	27.85	1.09	0.79	1.25	####	####	0.95	0.95
+400 M	2.27	0.90	2.00			27.20	28.25	2.27	1.39	2.02	####	####	1.98	2.01
-400 M	94.25	1.49	2.25			31.42	32.23	94.25	95.51	94.24	####	####	95.17	95.06
+#1 Conc	1.29	0.84	1.65			42.12	44.36	1.29	0.74	0.95	####	####	1.75	1.79
+#2 C	2.52	2.48	1.50			40.00	43.37	2.52	4.25	1.68	####	####	3.24	3.42
+#3 C	8.28	0.51	0.98			33.28	34.22	8.28	2.87	3.61	####	####	8.86	8.87
+#4 C	14.54	0.61	0.82			33.44	31.04	14.54	6.03	5.30	####	####	15.63	14.12
+#5 C	11.08	0.56	0.86			31.84	31.63	11.08	4.22	4.23	####	####	11.34	11.04
-#5 C	56.54	2.01	3.12	0.00	0.00	29.92	31.55	56.54	77.40	78.48	####	####	54.37	55.82
Head (Asy)		1.46	2.42			30.00	32.03							
Head (Calc)	100.00	1.47	2.25	0.00	0.00	31.12	31.96	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.27	1.66	2.16	0.00	0.00	23.46	25.07	0.27	0.30	0.26	####	####	0.20	0.21
1 to 2	0.81	1.66	2.16	0.00	0.00	23.46	25.07	0.81	0.91	0.78	####	####	0.61	0.64
1 to 3	2.39	1.42	2.34	0.00	0.00	24.70	26.52	2.39	2.31	2.48	####	####	1.90	1.98
1 to 4	3.48	1.31	2.42	0.00	0.00	25.44	26.94	3.48	3.10	3.74	####	####	2.85	2.93
1 to 5	5.75	1.15	2.25	0.00	0.00	26.14	27.45	5.75	4.49	5.76	####	####	4.83	4.94
6 to 6	1.29	0.84	1.65	0.00	0.00	42.12	44.36	1.29	0.74	0.95	####	####	1.75	1.79
6 to 7	3.81	1.92	1.55	0.00	0.00	40.72	43.71	3.81	4.99	2.63	####	####	4.99	5.21
6 to 8	12.09	0.96	1.16	0.00	0.00	35.62	37.21	12.09	7.86	6.23	####	####	13.84	14.08
6 to 9	26.63	0.77	0.97	0.00	0.00	34.43	33.84	26.63	13.69	11.53	####	####	29.47	28.20
6 to 10	37.71	0.71	0.94	0.00	0.00	33.67	33.25	37.71	18.11	15.77	####	####	40.81	39.24
6 to 11	94.25	1.49	2.25	0.00	0.00	31.42	32.23	94.25	95.51	94.24	####	####	95.17	95.06

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6043-150

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.13	0.82	2.68			13.02	12.74	4.13	3.77	4.57	####	####	1.59	1.43
+150 M	5.32	0.92	3.50			17.90	17.90	5.32	5.45	7.69	####	####	2.82	2.60
+200 M	9.78	0.97	4.24			25.68	28.65	9.78	10.57	17.12	####	####	7.45	7.64
+270 M	10.83	0.88	3.60			32.12	34.59	10.83	10.61	16.10	####	####	10.31	10.21
+400 M	24.49	0.77	2.57			35.78	39.05	24.49	21.00	25.99	####	####	25.98	26.07
-400 M	45.45	0.96	1.52			38.48	42.02	45.45	48.59	28.53	####	####	51.85	52.06
+#1 Conc	5.28	0.63	1.27			44.46	50.43	5.28	3.70	2.77	####	####	6.96	7.26
+#2 C	11.56	0.65	1.56			43.48	49.46	11.56	8.37	7.45	####	####	14.90	15.58
+#3 C	13.33	0.58	1.26			36.46	38.67	13.33	8.61	7.49	####	####	14.41	14.05
+#4 C	6.75	0.57	0.98			35.00	34.96	6.75	4.29	2.73	####	####	7.00	6.43
+#5 C	2.47	0.65	0.95			32.48	33.10	2.47	1.79	0.97	####	####	2.38	2.23
-#5 C	6.06	3.24	2.85	0.00	0.00	34.50	39.37	6.06	21.84	7.13	####	####	6.20	6.50
Head (Asy)		0.91	2.44			34.14	37.56							
Head (Calc)	100.00	0.90	2.42	0.00	0.00	33.73	36.69	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.13	0.82	2.68	0.00	0.00	13.02	12.74	4.13	3.77	4.57	####	####	1.59	1.43
1 to 2	9.45	0.88	3.14	0.00	0.00	15.77	15.64	9.45	9.22	12.26	####	####	4.42	4.03
1 to 3	19.23	0.92	3.70	0.00	0.00	20.81	22.26	19.23	19.79	29.38	####	####	11.86	11.67
1 to 4	30.06	0.91	3.66	0.00	0.00	24.88	26.70	30.06	30.40	45.48	####	####	22.18	21.88
1 to 5	54.55	0.85	3.17	0.00	0.00	29.78	32.25	54.55	51.41	71.47	####	####	48.15	47.94
6 to 6	5.28	0.63	1.27	0.00	0.00	44.46	50.43	5.28	3.70	2.77	####	####	6.96	7.26
6 to 7	16.34	0.64	1.47	0.00	0.00	43.79	49.76	16.84	12.07	10.22	####	####	21.86	22.84
6 to 8	30.17	0.62	1.42	0.00	0.00	40.55	44.86	30.17	20.68	17.70	####	####	36.27	36.89
6 to 9	36.92	0.61	1.34	0.00	0.00	39.54	43.05	36.92	24.97	20.43	####	####	43.27	43.32
6 to 10	39.39	0.61	1.32	0.00	0.00	39.09	42.43	39.39	26.76	21.40	####	####	45.65	45.55
6 to 11	45.45	0.96	1.52	0.00	0.00	38.48	42.02	45.45	48.59	28.53	####	####	51.85	52.06

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6043-151				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.97	0.98	3.04			15.12	14.14	2.97	2.47	3.58	####	####	1.33	1.16
+150 M	2.67	1.00	3.55			17.48	18.60	2.67	2.27	3.76	####	####	1.38	1.38
+200 M	6.95	1.06	4.33			25.32	28.63	6.95	6.25	11.94	####	####	5.22	5.51
+270 M	7.00	1.00	3.78			31.80	35.33	7.00	5.94	10.50	####	####	6.61	6.85
+400 M	15.80	0.88	2.86			35.78	40.91	15.80	11.80	17.93	####	####	16.78	17.90
-400 M	64.61	1.30	2.04			35.82	37.56	64.61	71.27	52.29	####	####	68.68	67.20
+#1 Conc	5.95	0.74	1.63			46.70	50.02	5.95	3.74	3.85	####	####	8.25	8.24
+#2 C	9.12	0.71	1.65			42.84	47.26	9.12	5.49	6.69	####	####	11.59	11.94
+#3 C	11.95	0.62	1.31			36.00	36.64	11.95	6.29	6.21	####	####	12.77	12.13
+#4 C	9.32	0.60	1.13			33.86	33.89	9.32	4.75	4.18	####	####	9.36	8.75
+#5 C	5.17	0.65	1.21			31.40	31.51	5.17	2.65	2.48	####	####	4.82	4.51
-#5 C	23.10	2.46	3.15	0.00	0.00	31.93	33.83	23.10	48.16	28.88	####	####	21.89	21.64
Head (Asy)		1.22	2.56			32.68	35.17							
Head (Calc)	100.00	1.18	2.52	0.00	0.00	33.70	36.11	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.97	0.98	3.04	0.00	0.00	15.12	14.14	2.97	2.47	3.58	####	####	1.33	1.16
1 to 2	5.64	0.99	3.28	0.00	0.00	16.24	16.25	5.64	4.74	7.34	####	####	2.72	2.54
1 to 3	12.59	1.03	3.86	0.00	0.00	21.25	23.08	12.59	10.99	19.28	####	####	7.94	8.05
1 to 4	19.59	1.02	3.83	0.00	0.00	25.02	27.46	19.59	16.93	29.78	####	####	14.55	14.90
1 to 5	35.39	0.96	3.40	0.00	0.00	29.82	33.46	35.39	28.73	47.71	####	####	31.32	32.80
6 to 6	5.95	0.74	1.63	0.00	0.00	46.70	50.02	5.95	3.74	3.85	####	####	8.25	8.24
6 to 7	15.07	0.72	1.76	0.00	0.00	44.36	48.35	15.07	9.23	10.54	####	####	19.84	20.18
6 to 8	27.02	0.68	1.56	0.00	0.00	40.66	43.17	27.02	15.52	16.75	####	####	32.61	32.30
6 to 9	36.34	0.66	1.45	0.00	0.00	38.92	40.79	36.34	20.26	20.93	####	####	41.97	41.05
6 to 10	41.51	0.66	1.42	0.00	0.00	37.98	39.63	41.51	23.11	23.41	####	####	46.79	45.56
6 to 11	64.61	1.30	2.04	0.00	0.00	35.82	37.56	64.61	71.27	52.29	####	####	68.68	67.20

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6043-152

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.54	1.71	2.53			36.32	29.31	0.54	0.52	0.52	####	####	0.64	0.51
+150 M	1.57	1.71	2.53			36.32	29.31	1.57	1.51	1.51	####	####	1.85	1.47
+200 M	1.33	1.52	2.66			25.00	26.56	1.33	1.14	1.35	####	####	1.08	1.13
+270 M	0.70	0.92	2.68			25.52	25.83	0.70	0.36	0.72	####	####	0.58	0.58
+400 M	2.30	1.00	1.98			25.50	26.38	2.30	1.29	1.74	####	####	1.90	1.94
-400 M	93.56	1.81	2.64			30.92	31.51	93.56	95.18	94.16	####	####	93.95	94.37
-#1 Conc	0.69	0.79	1.58			42.08	48.36	0.69	0.31	0.42	####	####	0.94	1.07
+#2 C	1.59	0.79	1.58			42.08	48.36	1.59	0.71	0.96	####	####	2.17	2.46
+#3 C	6.37	0.66	1.18			32.64	35.54	6.37	2.36	2.87	####	####	6.75	7.25
+#4 C	13.62	0.65	0.99			31.90	30.41	13.62	4.98	5.14	####	####	14.11	13.26
+#5 C	9.28	0.68	1.16			30.30	29.31	9.28	3.55	4.10	####	####	9.13	8.71
-#5 C	62.01	2.39	3.41	0.00	0.00	30.21	31.05	62.01	83.28	80.68	####	####	60.84	61.63
Head (Asy)		1.72	2.61			29.40	31.87							
Head (Calc)	100.00	1.78	2.62	0.00	0.00	30.79	31.24	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.54	1.71	2.53	0.00	0.00	36.32	29.31	0.54	0.52	0.52	####	####	0.64	0.51
1 to 2	2.11	1.71	2.53	0.00	0.00	36.32	29.31	2.11	2.03	2.04	####	####	2.49	1.98
1 to 3	3.44	1.64	2.58	0.00	0.00	31.94	28.25	3.44	3.16	3.38	####	####	3.57	3.11
1 to 4	4.14	1.52	2.60	0.00	0.00	30.86	27.84	4.14	3.53	4.10	####	####	4.15	3.69
1 to 5	6.44	1.33	2.38	0.00	0.00	28.94	27.32	6.44	4.82	5.84	####	####	6.05	5.63
6 to 6	0.69	0.79	1.58	0.00	0.00	42.08	48.36	0.69	0.31	0.42	####	####	0.94	1.07
6 to 7	2.28	0.79	1.58	0.00	0.00	42.08	48.36	2.28	1.01	1.37	####	####	3.12	3.53
6 to 8	8.65	0.69	1.29	0.00	0.00	35.13	38.92	8.65	3.38	4.24	####	####	9.87	10.78
6 to 9	22.27	0.67	1.10	0.00	0.00	33.15	33.72	22.27	8.35	9.38	####	####	23.98	24.03
6 to 10	31.55	0.67	1.12	0.00	0.00	32.31	32.42	31.55	11.90	13.48	####	####	33.11	32.74
6 to 11	93.56	1.81	2.64	0.00	0.00	30.92	31.51	93.56	95.18	94.16	####	####	93.95	94.37

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6043-153				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.39	0.84	2.62			14.52	13.09	4.39	3.96	4.61	####	####	1.84	1.55
+150 M	4.55	0.97	3.84			19.20	19.43	4.55	4.74	7.00	####	####	2.52	2.39
+200 M	9.85	0.99	4.38			26.78	25.79	9.85	10.46	17.30	####	####	7.62	6.87
+270 M	10.44	0.90	3.82			31.28	37.75	10.44	10.08	15.99	####	####	9.43	10.66
+400 M	21.62	0.80	2.72			37.16	36.63	21.62	18.56	23.57	####	####	23.21	21.41
-400 M	49.15	0.99	1.60			39.00	42.98	49.15	52.21	31.53	####	####	55.37	57.12
+#1 Conc	5.99	0.66	1.48			46.60	50.32	5.99	4.24	3.55	####	####	8.06	8.15
+#2 C	11.75	0.67	1.81			43.06	49.71	11.75	8.45	8.53	####	####	14.62	15.79
+#3 C	14.59	0.66	1.30			37.02	41.49	14.59	10.33	7.60	####	####	15.60	16.37
+#4 C	7.76	0.66	1.18			35.90	37.75	7.76	5.50	3.67	####	####	8.05	7.92
+#5 C	2.71	0.72	1.08			33.36	31.77	2.71	2.09	1.17	####	####	2.61	2.33
-#5 C	6.35	3.17	2.75	0.00	0.00	35.06	38.20	6.35	21.60	7.00	####	####	6.43	6.56
Head (Asy)		0.94	2.40			34.38	37.37							
Head (Calc)	100.00	0.93	2.49	0.00	0.00	34.62	36.98	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.39	0.84	2.62	0.00	0.00	14.52	13.09	4.39	3.96	4.61	####	####	1.84	1.55
1 to 2	8.94	0.91	3.24	0.00	0.00	16.90	16.32	8.94	8.69	11.62	####	####	4.36	3.94
1 to 3	18.79	0.95	3.84	0.00	0.00	22.08	21.28	18.79	19.15	28.91	####	####	11.99	10.81
1 to 4	29.23	0.93	3.83	0.00	0.00	25.37	27.16	29.23	29.24	44.90	####	####	21.42	21.47
1 to 5	50.85	0.88	3.26	0.00	0.00	30.38	31.19	50.85	47.79	68.47	####	####	44.63	42.88
6 to 6	5.99	0.66	1.48	0.00	0.00	46.60	50.32	5.99	4.24	3.55	####	####	8.06	8.15
6 to 7	17.74	0.67	1.70	0.00	0.00	44.26	49.92	17.74	12.69	12.08	####	####	22.68	23.94
6 to 8	32.33	0.66	1.52	0.00	0.00	40.99	46.11	32.33	23.02	19.68	####	####	38.28	40.31
6 to 9	40.09	0.66	1.45	0.00	0.00	40.00	44.49	40.09	28.52	23.35	####	####	46.33	48.23
6 to 10	42.80	0.67	1.43	0.00	0.00	39.58	43.69	42.80	30.61	24.53	####	####	48.94	50.56
6 to 11	49.15	0.99	1.60	0.00	0.00	39.00	42.98	49.15	52.21	31.53	####	####	55.37	57.12

B.M.+S.—Metallurgical Laboratory Report

6043-154				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.42	0.96	2.90			15.14	14.95	3.42	1.83	3.13	####	####	1.55	1.41
+150 M	3.80	1.12	4.00			19.70	20.56	3.80	2.38	4.79	####	####	2.24	2.16
+200 M	6.95	1.20	4.56			28.26	32.52	6.95	4.66	9.99	####	####	5.87	6.24
+270 M	7.68	1.08	3.79			33.38	37.37	7.68	4.63	9.17	####	####	7.67	7.92
+400 M	16.55	1.06	3.00			36.46	40.92	16.55	9.80	15.65	####	####	18.05	18.70
-400 M	61.60	2.23	2.95			35.08	37.37	61.60	76.71	57.27	####	####	64.63	63.56
+#1 Conc	3.87	0.80	1.44			46.00	50.44	3.87	1.73	1.76	####	####	5.32	5.39
+#2 C	8.41	1.01	2.20			43.14	50.46	8.41	4.74	5.83	####	####	10.85	11.72
+#3 C	11.63	1.15	2.21			36.02	37.18	11.63	7.47	8.10	####	####	12.53	11.94
+#4 C	9.43	1.34	2.36			33.38	32.53	9.43	7.06	7.01	####	####	9.41	8.47
+#5 C	5.41	1.47	2.38			32.68	30.74	5.41	4.44	4.06	####	####	5.29	4.59
-#5 C	22.85	4.02	4.24	0.00	0.00	31.06	34.00	22.85	51.27	30.51	####	####	21.22	21.45
Head (Asy)		1.81	3.09			33.22	32.53							
Head (Calc)	100.00	1.79	3.17	0.00	0.00	33.44	36.21	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.42	0.96	2.90	0.00	0.00	15.14	14.95	3.42	1.83	3.13	####	####	1.55	1.41
1 to 2	7.22	1.04	3.48	0.00	0.00	17.54	17.90	7.22	4.21	7.92	####	####	3.79	3.57
1 to 3	14.17	1.12	4.01	0.00	0.00	22.80	25.07	14.17	8.87	17.90	####	####	9.66	9.81
1 to 4	21.85	1.11	3.93	0.00	0.00	26.52	29.39	21.85	13.50	27.08	####	####	17.33	17.74
1 to 5	38.40	1.09	3.53	0.00	0.00	30.80	34.36	38.40	23.29	42.73	####	####	35.37	36.44
6 to 6	3.87	0.80	1.44	0.00	0.00	46.00	50.44	3.87	1.73	1.76	####	####	5.32	5.39
6 to 7	12.28	0.94	1.96	0.00	0.00	44.04	50.45	12.28	6.47	7.59	####	####	16.17	17.11
6 to 8	23.91	1.04	2.08	0.00	0.00	40.14	44.00	23.91	13.94	15.69	####	####	28.70	29.05
6 to 9	33.34	1.13	2.16	0.00	0.00	38.23	40.75	33.34	21.00	22.70	####	####	38.12	37.52
6 to 10	38.75	1.19	2.19	0.00	0.00	37.45	39.36	38.75	25.44	26.76	####	####	43.40	42.11
6 to 11	61.60	2.23	2.95	0.00	0.00	35.08	37.37	61.60	76.71	57.27	####	####	64.63	63.56

B.M.+S.—Metallurgical Laboratory Report

6043-155

		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.08	1.97	3.09			22.08	22.53	0.08	0.06	0.07	####	####	0.06	0.06
+150 M	0.18	1.97	3.09			22.08	22.53	0.18	0.13	0.16	####	####	0.13	0.14
+200 M	0.75	1.97	3.09			22.08	22.53	0.75	0.54	0.68	####	####	0.55	0.58
+270 M	0.64	1.48	2.66			26.80	28.25	0.64	0.34	0.50	####	####	0.57	0.62
+400 M	1.80	1.48	2.66			26.80	28.25	1.80	0.97	1.40	####	####	1.62	1.74
-400 M	96.55	2.80	3.45			30.02	29.31	96.55	97.97	97.20	####	####	97.06	96.86
+#1 Conc	0.67	0.88	1.90			49.50	48.27	0.67	0.21	0.37	####	####	1.11	1.11
+#2 C	1.43	1.06	2.10			41.52	44.87	1.43	0.55	0.88	####	####	1.99	2.20
+#3 C	5.98	1.16	2.00			27.80	30.21	5.98	2.51	3.49	####	####	5.57	6.18
+#4 C	15.33	1.41	2.30			30.14	27.89	15.33	7.83	10.29	####	####	15.47	14.63
+#5 C	13.55	1.76	2.38			30.48	29.68	13.55	8.64	9.41	####	####	13.83	13.77
-#5 C	59.59	3.62	4.18	0.00	0.00	29.61	28.91	59.59	78.22	72.76	####	####	59.09	58.98
Head (Asy)		2.75	3.42			29.40	30.39							
Head (Calc)	100.00	2.76	3.43	0.00	0.00	29.86	29.22	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.08	1.97	3.09	0.00	0.00	22.08	22.53	0.08	0.06	0.07	####	####	0.06	0.06
1 to 2	0.26	1.97	3.09	0.00	0.00	22.08	22.53	0.26	0.19	0.23	####	####	0.19	0.20
1 to 3	1.01	1.97	3.09	0.00	0.00	22.08	22.53	1.01	0.72	0.91	####	####	0.75	0.78
1 to 4	1.65	1.78	2.92	0.00	0.00	23.91	24.75	1.65	1.06	1.41	####	####	1.32	1.40
1 to 5	3.45	1.62	2.79	0.00	0.00	25.42	26.58	3.45	2.03	2.80	####	####	2.94	3.14
6 to 6	0.67	0.88	1.90	0.00	0.00	49.50	48.27	0.67	0.21	0.37	####	####	1.11	1.11
6 to 7	2.10	1.00	2.04	0.00	0.00	44.07	45.95	2.10	0.76	1.25	####	####	3.10	3.30
6 to 8	8.08	1.12	2.01	0.00	0.00	32.03	34.30	8.08	3.28	4.74	####	####	8.67	9.49
6 to 9	23.41	1.31	2.20	0.00	0.00	30.79	30.10	23.41	11.11	15.03	####	####	24.14	24.12
6 to 10	36.96	1.47	2.27	0.00	0.00	30.68	29.95	36.96	19.75	24.44	####	####	37.97	37.89
6 to 11	96.55	2.80	3.45	0.00	0.00	30.02	29.31	96.55	97.97	97.20	####	####	97.06	96.86

B.M.+S.--Metallurgical Laboratory Reoort

6043-156

		Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.70	1.12	3.22			14.18	13.59	4.70	4.34	4.71	####	####	1.94	1.71
+150 M	5.58	1.07	4.18			18.48	21.10	5.58	4.93	7.26	####	####	3.00	3.14
+200 M	10.53	1.11	4.66			26.12	30.39	10.53	9.64	15.27	####	####	7.99	8.55
+270 M	11.66	1.07	4.16			32.34	36.11	11.66	10.29	15.09	####	####	10.96	11.24
+400 M	25.24	0.92	2.92			37.06	39.33	25.24	19.16	22.93	####	####	27.18	26.51
-400 M	42.29	1.48	2.64			39.82	43.26	42.29	51.64	34.74	####	####	48.94	48.85
+#1 Conc	4.73	0.83	1.64			45.82	50.41	4.73	3.24	2.41	####	####	6.30	6.37
+#2 C	12.09	0.97	2.36			42.90	50.05	12.09	9.68	8.88	####	####	15.07	16.16
+#3 C	14.90	1.09	2.58			37.36	39.33	14.90	13.40	11.96	####	####	16.18	15.65
+#4 C	6.19	1.52	2.68			37.48	38.61	6.19	7.76	5.16	####	####	6.74	6.38
+#5 C	1.39	1.94	2.66			33.90	33.25	1.39	2.22	1.24	####	####	1.37	1.23
-#5 C	2.99	6.22	5.47	0.00	0.00	37.73	38.36	2.99	15.34	5.09	####	####	3.28	3.06
Head (Asy)		1.22	3.24			34.20	37.54							
Head (Calc)	100.00	1.21	3.21	0.00	0.00	34.41	37.45	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.70	1.12	3.22	0.00	0.00	14.18	13.59	4.70	4.34	4.71	####	####	1.94	1.71
1 to 2	10.28	1.09	3.74	0.00	0.00	16.51	17.67	10.28	9.27	11.97	####	####	4.93	4.85
1 to 3	20.81	1.10	4.21	0.00	0.00	21.37	24.10	20.81	18.91	27.24	####	####	12.93	13.39
1 to 4	32.47	1.09	4.19	0.00	0.00	25.31	28.42	32.47	29.20	42.33	####	####	23.88	24.64
1 to 5	57.71	1.02	3.63	0.00	0.00	30.45	33.19	57.71	48.36	65.26	####	####	51.06	51.15
6 to 6	4.73	0.83	1.64	0.00	0.00	45.82	50.41	4.73	3.24	2.41	####	####	6.30	6.37
6 to 7	16.82	0.93	2.16	0.00	0.00	43.72	50.15	16.82	12.91	11.29	####	####	21.37	22.53
6 to 8	31.72	1.01	2.36	0.00	0.00	40.73	45.07	31.72	26.31	23.25	####	####	37.55	38.17
6 to 9	37.91	1.09	2.41	0.00	0.00	40.20	44.01	37.91	34.08	28.42	####	####	44.29	44.56
6 to 10	39.30	1.12	2.42	0.00	0.00	39.98	43.63	39.30	36.30	29.65	####	####	45.66	45.79
6 to 11	42.29	1.48	2.64	0.00	0.00	39.82	43.26	42.29	51.64	34.74	####	####	48.94	48.85

B.M.+S.—Metallurgical Laboratory Report

6043-157				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.59	1.10	3.46			16.22	15.56	2.59	2.12	3.27	####	####	1.28	1.12
+150 M	2.20	1.04	3.90			19.88	20.02	2.20	1.70	3.13	####	####	1.33	1.23
+200 M	5.22	1.03	4.28			24.94	31.10	5.22	4.01	8.16	####	####	3.95	4.53
+270 M	4.86	0.97	3.72			32.14	35.75	4.86	3.51	6.60	####	####	4.74	4.85
+400 M	10.17	0.94	2.80			34.76	37.18	10.17	7.12	10.40	####	####	10.74	10.55
-400 M	74.96	1.46	2.50			34.24	37.18	74.96	81.53	68.43	####	####	77.95	77.73
+#1 Conc	6.79	0.84	1.84			44.50	50.05	6.79	4.25	4.56	####	####	9.18	9.48
+#2 C	10.64	0.94	2.12			42.76	47.19	10.64	7.45	8.24	####	####	13.82	14.00
+#3 C	14.13	0.83	1.86			35.32	36.82	14.13	8.74	9.60	####	####	15.16	14.51
+#4 C	11.25	0.80	1.82			33.00	34.68	11.25	6.70	7.48	####	####	11.28	10.88
+#5 C	6.11	0.79	1.86			31.64	31.49	6.11	3.60	4.15	####	####	5.87	5.37
-#5 C	26.04	2.62	3.62	0.00	0.00	28.64	32.34	26.04	50.79	34.41	####	####	22.65	23.49
Head (Asy)		1.29	3.00			32.20	35.00							
Head (Calc)	100.00	1.34	2.74	0.00	0.00	32.92	35.86	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays						Distribution				
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.59	1.10	3.46	0.00	0.00	16.22	15.56	2.59	2.12	3.27	####	####	1.28	1.12
1 to 2	4.79	1.07	3.66	0.00	0.00	17.90	17.61	4.79	3.83	6.41	####	####	2.60	2.35
1 to 3	10.01	1.05	3.98	0.00	0.00	21.57	24.64	10.01	7.83	14.56	####	####	6.56	6.88
1 to 4	14.87	1.02	3.90	0.00	0.00	25.03	28.27	14.87	11.34	21.17	####	####	11.30	11.73
1 to 5	25.04	0.99	3.45	0.00	0.00	28.99	31.89	25.04	18.47	31.57	####	####	22.05	22.27
6 to 6	6.79	0.84	1.84	0.00	0.00	44.50	50.05	6.79	4.25	4.56	####	####	9.18	9.48
6 to 7	17.43	0.90	2.01	0.00	0.00	43.44	48.30	17.43	11.70	12.80	####	####	23.00	23.48
6 to 8	31.56	0.87	1.94	0.00	0.00	39.80	43.16	31.56	20.44	22.40	####	####	38.15	37.99
6 to 9	42.81	0.85	1.91	0.00	0.00	38.02	40.93	42.81	27.14	29.87	####	####	49.43	48.87
6 to 10	48.92	0.84	1.90	0.00	0.00	37.22	39.75	48.92	30.74	34.02	####	####	55.30	54.24
6 to 11	74.96	1.46	2.50	0.00	0.00	34.24	37.18	74.96	81.53	68.43	####	####	77.95	77.73

B.M.+S.—Metallurgical Laboratory Report

6043-158				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	1.75	2.80			27.60	27.95	0.04	0.04	0.05	####	####	0.03	0.03
+150 M	0.15	1.75	2.80			27.60	27.95	0.15	0.14	0.18	####	####	0.13	0.12
+200 M	0.91	1.75	2.80			27.60	27.95	0.91	0.83	1.09	####	####	0.76	0.75
+270 M	0.52	1.24	2.27			25.20	26.37	0.52	0.34	0.50	####	####	0.40	0.40
+400 M	2.21	1.24	2.27			25.20	26.37	2.21	1.43	2.14	####	####	1.68	1.72
-400 M	96.17	1.94	2.34			33.36	34.25	96.17	97.23	96.04	####	####	97.00	96.98
+#1 Cone	0.49	0.91	1.73			46.10	49.20	0.49	0.23	0.36	####	####	0.68	0.71
+#2 C	2.31	0.91	1.73			46.10	49.20	2.31	1.10	1.71	####	####	3.22	3.35
+#3 C	9.50	0.82	1.55			36.30	39.17	9.50	4.06	6.28	####	####	10.43	10.96
+#4 C	16.20	0.81	1.34			34.24	34.64	16.20	6.84	9.26	####	####	16.77	16.52
+#5 C	11.25	0.82	1.30			33.30	31.89	11.25	4.81	6.24	####	####	11.33	10.56
-#5 C	56.42	2.73	3.00	0.00	0.00	31.99	33.04	56.42	80.20	72.18	####	####	54.57	54.88
Head (Asy)		1.96	2.58			32.28	29.53							
Head (Calc)	100.00	1.92	2.34	0.00	0.00	33.07	33.97	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	1.75	2.80	0.00	0.00	27.60	27.95	0.04	0.04	0.05	####	####	0.03	0.03
1 to 2	0.19	1.75	2.80	0.00	0.00	27.60	27.95	0.19	0.17	0.23	####	####	0.16	0.16
1 to 3	1.10	1.75	2.80	0.00	0.00	27.60	27.95	1.10	1.00	1.31	####	####	0.92	0.91
1 to 4	1.62	1.59	2.63	0.00	0.00	26.83	27.44	1.62	1.34	1.82	####	####	1.31	1.31
1 to 5	3.83	1.39	2.42	0.00	0.00	25.89	26.82	3.83	2.77	3.96	####	####	3.00	3.02
6 to 6	0.49	0.91	1.73	0.00	0.00	46.10	49.20	0.49	0.23	0.36	####	####	0.68	0.71
6 to 7	2.80	0.91	1.73	0.00	0.00	46.10	49.20	2.80	1.33	2.07	####	####	3.90	4.06
6 to 8	12.30	0.84	1.59	0.00	0.00	38.53	41.45	12.30	5.39	8.35	####	####	14.33	15.01
6 to 9	28.50	0.82	1.45	0.00	0.00	36.09	37.58	28.50	12.23	17.62	####	####	31.10	31.53
6 to 10	39.75	0.82	1.41	0.00	0.00	35.30	35.97	39.75	17.03	23.86	####	####	42.43	42.10
6 to 11	96.17	1.94	2.34	0.00	0.00	33.36	34.25	96.17	97.23	96.04	####	####	97.00	96.98

B.M.+S.—Metallurgical Laboratory Report

6043-159			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.45	1.00	2.68			15.76	13.39	3.45	3.13	4.04	####	####	1.51	1.14
+150 M	3.72	0.96	3.57			20.50	19.29	3.72	3.24	5.81	####	####	2.11	1.77
+200 M	7.94	1.00	3.97			27.60	30.31	7.94	7.20	13.78	####	####	6.07	5.94
+270 M	7.87	0.94	3.43			33.64	37.40	7.87	6.71	11.80	####	####	7.33	7.27
-400 M"	16.89	0.86	2.69			36.48	41.33	16.89	13.18	19.87	####	####	17.06	17.24
-400 M	60.13	1.22	1.70			39.58	44.87	60.13	66.54	44.70	####	####	65.92	66.63
+#1 Conc	12.72	0.78	1.51			46.44	50.75	12.72	9.00	8.40	####	####	16.36	15.94
+#2 C	16.11	0.85	1.97			44.18	49.99	16.11	12.42	13.88	####	####	19.71	19.89
+#3 C	15.90	0.82	1.52			35.40	40.94	15.90	11.83	10.57	####	####	15.59	16.08
+#4 C	7.32	0.89	1.62			31.26	35.47	7.32	5.91	5.19	####	####	6.34	6.41
+#5 C	2.71	0.39	1.22			35.63	38.58	2.71	2.19	1.45	####	####	2.67	2.58
-#5 C	5.37	5.17	2.22	0.00	0.00	35.24	43.21	5.37	25.20	5.22	####	####	5.24	5.73
Head (Asy)		1.06	2.43			34.50	30.70							
Head (Calc)	100.00	1.10	2.29	0.00	0.00	36.11	40.49	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.45	1.00	2.68	0.00	0.00	15.76	13.39	3.45	3.13	4.04	####	####	1.51	1.14
1 to 2	7.17	0.98	3.14	0.00	0.00	18.22	16.45	7.17	6.37	9.85	####	####	3.62	2.91
1 to 3	15.11	0.99	3.58	0.00	0.00	23.15	23.73	15.11	13.57	23.63	####	####	9.69	8.86
1 to 4	22.98	0.97	3.53	0.00	0.00	26.74	28.41	22.98	20.28	35.44	####	####	17.02	16.13
1 to 5	39.87	0.93	3.17	0.00	0.00	30.87	33.89	39.87	33.46	55.30	####	####	34.08	33.37
6 to 6	12.72	0.78	1.51	0.00	0.00	46.44	50.75	12.72	9.00	8.40	####	####	16.36	15.94
6 to 7	28.83	0.82	1.77	0.00	0.00	45.18	50.33	28.83	21.42	22.28	####	####	36.07	35.83
6 to 8	44.73	0.82	1.68	0.00	0.00	41.70	46.99	44.73	33.25	32.84	####	####	51.66	51.91
6 to 9	52.05	0.83	1.67	0.00	0.00	40.23	45.37	52.05	39.16	38.03	####	####	58.00	58.32
6 to 10	54.76	0.83	1.65	0.00	0.00	40.01	45.03	54.76	41.34	39.47	####	####	60.67	60.90
6 to 11	60.13	1.22	1.70	0.00	0.00	39.58	44.87	60.13	66.54	44.70	####	####	65.92	66.63

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		Assays						Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.28	1.04	3.05			16.86	19.29	2.28	2.06	3.37	####	####	1.08	1.11
+150 M	2.63	1.01	3.72			21.32	17.12	2.63	2.30	4.73	####	####	1.57	1.13
+200 M	4.59	1.04	4.20			28.60	29.18	4.59	4.14	9.33	####	####	3.68	3.37
+270 M	5.10	0.96	3.50			33.76	36.62	5.10	4.25	8.64	####	####	4.83	4.70
+400 M	11.82	0.85	2.53			37.60	40.06	11.82	8.72	14.47	####	####	12.47	11.93
-400 M	73.58	1.23	1.67			37.00	41.96	73.58	78.53	59.46	####	####	76.37	77.76
+#1 Cone	5.81	0.71	1.36			48.04	50.64	5.81	3.58	3.82	####	####	7.83	7.41
+#2 C	10.25	0.80	1.30			44.80	49.59	10.25	7.12	8.93	####	####	12.88	12.80
+#3 C	13.77	0.69	1.35			36.80	38.91	13.77	8.24	9.00	####	####	14.21	13.49
+#4 C	11.16	0.66	0.93			35.48	37.33	11.16	6.39	5.02	####	####	11.11	10.49
+#5 C	6.21	0.66	0.87			33.40	31.47	6.21	3.56	2.61	####	####	5.82	4.92
-#5 C	26.38	2.17	2.36	0.00	0.00	33.13	43.10	26.38	49.64	30.08	####	####	24.52	28.64
Head (Asy)		1.11	2.08			33.68	35.47							
Head (Calc)	100.00	1.15	2.07	0.00	0.00	35.65	39.71	100.00	10.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.28	1.04	3.05	0.00	0.00	16.86	19.29	2.28	2.06	3.37	####	####	1.08	1.11
1 to 2	4.91	1.02	3.41	0.00	0.00	19.25	18.13	4.91	4.36	8.10	####	####	2.65	2.24
1 to 3	9.50	1.03	3.79	0.00	0.00	23.77	23.47	9.50	8.50	17.43	####	####	6.33	5.61
1 to 4	14.60	1.01	3.69	0.00	0.00	27.26	28.06	14.60	12.75	26.07	####	####	11.16	10.32
1 to 5	26.42	0.94	3.17	0.00	0.00	31.88	33.43	26.42	21.47	40.54	####	####	23.63	22.24
6 to 6	5.81	0.71	1.36	0.00	0.00	48.04	50.64	5.81	3.58	3.82	####	####	7.83	7.41
6 to 7	16.06	0.77	1.64	0.00	0.00	45.97	49.97	16.06	10.69	12.75	####	####	20.71	20.21
6 to 8	29.83	0.73	1.51	0.00	0.00	41.74	44.86	29.83	18.94	21.75	####	####	34.93	33.71
6 to 9	40.99	0.71	1.35	0.00	0.00	40.03	42.81	40.99	25.33	26.77	####	####	46.03	44.20
6 to 10	47.20	0.71	1.29	0.00	0.00	39.16	41.32	47.20	28.89	29.38	####	####	51.85	49.12
6 to 11	73.58	1.23	1.67	0.00	0.00	37.00	41.96	73.58	78.53	59.46	####	####	76.37	77.76

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6043-161				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.25	1.36	1.94			24.52	19.84	0.25	0.19	0.20	####	####	0.20	0.16
+150 M	0.67	1.36	1.94			24.52	19.84	0.67	0.51	0.53	####	####	0.54	0.42
+200 M	1.23	1.34	2.24			24.20	28.61	1.23	0.92	1.12	####	####	0.97	1.12
+270 M	0.58	1.25	2.60			26.96	27.08	0.58	0.41	0.62	####	####	0.51	0.50
+400 M	1.20	1.18	2.32			26.64	28.23	1.20	0.79	1.14	####	####	1.05	1.08
-400 M	96.07	1.82	2.46			30.80	31.66	96.07	97.19	96.40	####	####	96.73	96.72
+#1 Conc	0.92	0.94	1.38			39.70	44.25	0.92	0.48	0.52	####	####	1.19	1.29
+#2 C	2.30	0.94	1.38			39.70	42.25	2.30	1.20	1.29	####	####	2.99	3.09
+#3 C	8.54	0.82	1.28			31.20	32.43	8.54	3.89	4.46	####	####	8.71	8.81
+#4 C	15.52	0.82	1.10			31.26	31.66	15.52	7.07	6.96	####	####	15.86	15.63
+#5 C	11.55	0.78	1.12			30.98	30.52	11.55	5.01	5.28	####	####	11.70	11.21
-#5 C	57.24	2.50	3.34	0.00	0.00	30.08	31.15	57.24	79.53	77.89	####	####	56.29	56.70
Head (Asy)		1.70	2.60			30.42	32.04							
Head (Calc)	100.00	1.80	2.45	0.00	0.00	30.59	31.45	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.25	1.36	1.94	0.00	0.00	24.52	19.84	0.25	0.19	0.20	####	####	0.20	0.16
1 to 2	0.92	1.36	1.94	0.00	0.00	24.52	19.84	0.92	0.70	0.73	####	####	0.74	0.58
1 to 3	2.15	1.35	2.11	0.00	0.00	24.34	24.86	2.15	1.61	1.85	####	####	1.71	1.70
1 to 4	2.73	1.33	2.22	0.00	0.00	24.89	25.33	2.73	2.02	2.47	####	####	2.22	2.20
1 to 5	3.93	1.29	2.25	0.00	0.00	25.43	26.22	3.93	2.51	3.60	####	####	3.27	3.28
6 to 6	0.92	0.94	1.38	0.00	0.00	39.70	44.25	0.92	0.48	0.52	####	####	1.19	1.29
6 to 7	3.22	0.94	1.38	0.00	0.00	39.70	42.82	3.22	1.68	1.81	####	####	4.18	4.38
6 to 8	11.76	0.85	1.31	0.00	0.00	33.53	35.28	11.76	5.57	6.27	####	####	12.89	13.19
6 to 9	27.28	0.83	1.19	0.00	0.00	32.24	33.22	27.28	12.65	13.23	####	####	28.75	28.82
6 to 10	38.83	0.82	1.17	0.00	0.00	31.86	32.42	38.83	17.66	18.51	####	####	40.45	40.03
6 to 11	96.07	1.82	2.46	0.00	0.00	30.80	31.66	96.07	97.19	96.40	####	####	96.73	96.72

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6043-162

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.41	0.96	2.90			15.40	14.11	3.41	3.06	4.44	####	####	1.54	1.27
+150 M	4.31	1.04	3.38			20.26	20.41	4.31	4.19	6.55	####	####	2.55	2.32
+200 M	7.80	1.06	4.04			26.20	35.10	7.80	7.72	14.16	####	####	5.98	7.22
+270 M	7.85	0.96	3.74			31.56	25.20	7.85	7.04	13.19	####	####	7.24	5.22
+400 M	19.20	0.88	2.54			34.52	39.10	19.20	15.78	21.91	####	####	19.38	19.81
-400 M	57.43	1.16	1.54			37.70	42.34	57.43	62.22	39.74	####	####	63.31	64.16
+#1 Conc	7.93	0.76	1.32			44.94	51.88	7.93	5.63	4.70	####	####	10.42	10.86
+#2 C	15.21	0.80	1.76			43.02	48.45	15.21	11.36	12.03	####	####	19.13	19.44
+#3 C	16.38	0.74	1.16			36.84	38.14	16.38	11.32	8.54	####	####	17.65	16.48
+#4 C	7.71	0.78	0.94			34.38	37.40	7.71	5.62	3.26	####	####	7.75	7.61
+#5 C	2.62	0.84	0.90			32.74	32.90	2.62	2.06	1.06	####	####	2.51	2.27
-#5 C	7.58	3.71	2.98	0.00	0.00	26.40	37.46	7.58	26.23	10.16	####	####	5.85	7.49
Head (Asy)		1.06	2.10			33.38	37.40							
Head (Calc)	100.00	1.07	2.23	0.00	0.00	34.20	37.90	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.41	0.96	2.90	0.00	0.00	15.40	14.11	3.41	3.06	4.44	####	####	1.54	1.27
1 to 2	7.72	1.00	3.17	0.00	0.00	18.11	17.63	7.72	7.24	10.99	####	####	4.09	3.59
1 to 3	15.52	1.03	3.61	0.00	0.00	22.18	26.41	15.52	14.97	25.15	####	####	10.06	10.81
1 to 4	23.37	1.01	3.65	0.00	0.00	25.33	26.00	23.37	22.00	38.34	####	####	17.31	16.03
1 to 5	42.57	0.95	3.15	0.00	0.00	29.47	31.91	42.57	37.78	60.26	####	####	36.69	35.84
6 to 6	7.93	0.76	1.32	0.00	0.00	44.94	51.88	7.93	5.63	4.70	####	####	10.42	10.86
6 to 7	23.14	0.79	1.61	0.00	0.00	43.68	49.63	23.14	16.99	16.73	####	####	29.55	30.30
6 to 8	39.52	0.77	1.42	0.00	0.00	40.84	44.87	39.52	28.31	25.27	####	####	47.20	46.78
6 to 9	47.23	0.77	1.34	0.00	0.00	39.79	43.65	47.23	33.93	28.53	####	####	54.95	54.39
6 to 10	49.85	0.77	1.32	0.00	0.00	39.42	43.08	49.85	35.98	29.59	####	####	57.46	56.67
6 to 11	57.43	1.16	1.54	0.00	0.00	37.70	42.34	57.43	62.22	39.74	####	####	63.31	64.16

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6043-163				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.41	1.04	2.82			15.38	15.29	2.41	2.07	3.05	####	####	1.12	0.99
+150 M	2.04	1.02	3.38			18.64	33.79	2.04	1.72	3.09	####	####	1.15	1.85
+200 M	5.17	1.06	4.16			25.92	30.16	5.17	4.53	9.64	####	####	4.04	4.17
+270 M	4.86	1.00	3.30			31.60	37.00	4.86	4.02	7.19	####	####	4.63	4.81
+400 M -	10.29	0.94	2.52			34.32	37.80	10.29	8.00	11.62	####	####	10.64	10.41
-400 M	75.23	1.28	1.94			34.60	38.61	75.23	79.65	65.41	####	####	78.43	77.77
+#1 Conc	8.27	0.82	1.38			44.92	52.69	8.27	5.61	5.12	####	####	11.19	11.67
+#2 C	11.01	0.82	1.48			40.38	47.05	11.01	7.47	7.30	####	####	13.40	13.87
+#3 C	13.68	0.70	1.20			35.46	40.22	13.68	7.92	7.36	####	####	14.62	14.73
+#4 C	10.70	0.62	0.78			32.12	33.79	10.70	5.49	3.74	####	####	10.36	9.68
+#5 C	6.02	0.64	1.08			30.90	32.59	6.02	3.19	2.91	####	####	5.61	5.25
-#5 C	25.55	2.36	3.40	0.00	0.00	30.22	32.99	25.55	49.98	38.98	####	####	23.26	22.57
Head (Asy)		1.22	2.46			31.80	37.80							
Head (Calc)	100.00	1.21	2.23	0.00	0.00	33.19	37.35	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.41	1.04	2.82	0.00	0.00	15.38	15.29	2.41	2.07	3.05	####	####	1.12	0.99
1 to 2	4.45	1.03	3.08	0.00	0.00	16.87	23.77	4.45	3.79	6.14	####	####	2.26	2.83
1 to 3	9.62	1.05	3.66	0.00	0.00	21.74	27.20	9.62	8.33	15.78	####	####	6.30	7.01
1 to 4	14.48	1.03	3.54	0.00	0.00	25.05	30.49	14.48	12.35	22.96	####	####	10.93	11.82
1 to 5	24.77	0.99	3.12	0.00	0.00	28.90	33.53	24.77	20.35	34.59	####	####	21.57	22.23
6 to 6	8.27	0.82	1.38	0.00	0.00	44.92	52.69	8.27	5.61	5.12	####	####	11.19	11.67
6 to 7	19.28	0.82	1.44	0.00	0.00	42.33	49.47	19.28	13.08	12.42	####	####	24.59	25.54
6 to 8	32.96	0.77	1.34	0.00	0.00	39.48	45.63	32.96	21.00	19.78	####	####	39.21	40.27
6 to 9	43.66	0.73	1.20	0.00	0.00	37.67	42.73	43.66	26.49	23.52	####	####	49.56	49.95
6 to 10	49.68	0.72	1.19	0.00	0.00	36.85	41.50	49.68	29.67	26.43	####	####	55.17	55.20
6 to 11	75.23	1.28	1.94	0.00	0.00	34.60	38.61	75.23	79.65	65.41	####	####	78.43	77.77

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6043-164		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.06	1.50	2.90			23.70	26.54	0.06	0.05	0.06	####	####	0.05	0.05
+150 M	0.27	1.50	2.90			23.70	26.54	0.27	0.22	0.28	####	####	0.23	0.22
+200 M	0.74	1.50	2.90			23.70	26.54	0.74	0.60	0.77	####	####	0.62	0.61
+270 M	0.50	1.12	3.29			26.88	27.35	0.50	0.30	0.59	####	####	0.48	0.43
+400 M	1.44	1.08	2.54			25.64	28.55	1.44	0.64	1.32	####	####	1.31	1.28
-400 M	96.99	1.86	2.78			28.32	32.18	96.99	97.98	96.98	####	####	97.32	97.40
+#1 Conc	0.97	0.96	1.98			35.87	46.25	0.97	0.51	0.69	####	####	1.23	1.40
+#2 C	1.97	0.96	1.98			35.87	46.25	1.97	1.03	1.40	####	####	2.50	2.84
+#3 C	7.10	0.64	1.26			32.22	37.40	7.10	2.47	3.22	####	####	8.11	8.29
+#4 C	14.58	0.60	1.14			31.04	35.79	14.58	4.75	5.98	####	####	16.03	16.28
+#5 C	10.04	0.72	1.38			29.52	31.37	10.04	3.93	4.98	####	####	10.50	9.83
-#5 C	62.33	2.52	3.60	0.00	0.00	26.69	30.21	62.33	65.30	80.71	####	####	58.94	58.76
Head (Asy)		1.72	2.94			29.26	32.18							
Head (Calc)	100.00	1.84	2.78	0.00	0.00	28.22	32.04	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.06	1.50	2.90	0.00	0.00	23.70	26.54	0.06	0.05	0.06	####	####	0.05	0.05
1 to 2	0.33	1.50	2.90	0.00	0.00	23.70	26.54	0.33	0.27	0.34	####	####	0.28	0.27
1 to 3	1.07	1.50	2.90	0.00	0.00	23.70	26.54	1.07	0.87	1.12	####	####	0.90	0.89
1 to 4	1.57	1.38	3.02	0.00	0.00	24.71	26.80	1.57	1.18	1.71	####	####	1.37	1.31
1 to 5	3.01	1.24	2.79	0.00	0.00	25.16	27.64	3.01	2.02	3.02	####	####	2.68	2.60
6 to 6	0.97	0.96	1.98	0.00	0.00	35.87	46.25	0.97	0.51	0.69	####	####	1.23	1.40
6 to 7	2.94	0.96	1.98	0.00	0.00	35.87	46.25	2.94	1.53	2.09	####	####	3.74	4.24
6 to 8	10.04	0.73	1.47	0.00	0.00	33.29	39.99	10.04	4.00	5.31	####	####	11.84	12.53
6 to 9	24.62	0.65	1.27	0.00	0.00	31.96	37.50	24.62	8.75	11.29	####	####	27.88	28.82
6 to 10	34.66	0.67	1.31	0.00	0.00	31.25	35.73	34.66	12.68	16.27	####	####	38.38	38.64
6 to 11	96.99	1.86	2.78	0.00	0.00	28.32	32.18	96.99	97.98	96.98	####	####	97.32	97.40

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6043-165			Assays					Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.50	0.98	3.20			17.20	15.69	3.50	3.47	4.40	####	####	1.61	1.43
+150 M	3.19	0.98	3.92			20.06	19.30	3.19	3.16	4.91	####	####	1.71	1.60
+200 M	7.74	1.06	4.60			28.94	28.55	7.74	8.29	13.98	####	####	6.00	5.75
+270 M	7.80	0.96	4.08			33.88	37.00	7.80	7.57	12.50	####	####	7.08	7.52
+400 M	17.42	0.80	3.08			36.50	38.21	17.42	14.08	21.07	####	####	17.02	17.33
-400 M	60.35	1.04	1.82			41.20	42.23	60.35	63.43	43.14	####	####	66.58	66.36
+#1 Conc	9.92	0.68	1.74			46.10	50.69	9.92	6.82	6.78	####	####	12.24	13.09
+#2 C	15.31	0.82	2.14			44.42	46.25	15.31	12.69	12.87	####	####	18.21	18.44
+#3 C	16.92	0.52	1.68			40.28	41.83	16.92	8.69	11.16	####	####	18.25	18.43
+#4 C	8.21	0.52	1.30			38.76	37.00	8.21	4.31	4.19	####	####	8.52	7.91
+#5 C	2.69	0.62	1.26			35.64	34.59	2.69	1.69	1.33	####	####	2.57	2.42
-#5 C	7.30	3.94	2.37	0.00	0.00	34.71	31.93	7.30	29.03	6.80	####	####	6.79	6.07
Head (Asy)		0.96	2.74			36.96	38.21							
Head (Calc)	100.00	0.99	2.55	0.00	0.00	37.35	38.40	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.50	0.98	3.20	0.00	0.00	17.20	15.69	3.50	3.47	4.40	####	####	1.61	1.43
1 to 2	6.69	0.98	3.54	0.00	0.00	18.56	17.41	6.69	6.63	9.31	####	####	3.33	3.03
1 to 3	14.43	1.02	4.11	0.00	0.00	24.13	23.39	14.43	14.92	23.29	####	####	9.32	8.79
1 to 4	22.23	1.00	4.10	0.00	0.00	27.55	28.16	22.23	22.49	35.79	####	####	16.40	16.30
1 to 5	39.65	0.91	3.65	0.00	0.00	31.48	32.58	39.65	36.57	56.86	####	####	33.42	33.64
6 to 6	9.92	0.68	1.74	0.00	0.00	46.10	50.69	9.92	6.82	6.78	####	####	12.24	13.09
6 to 7	25.23	0.76	1.98	0.00	0.00	45.08	48.00	25.23	19.50	19.65	####	####	30.45	31.53
6 to 8	42.15	0.67	1.86	0.00	0.00	43.15	45.52	42.15	28.40	30.81	####	####	48.70	49.96
6 to 9	50.36	0.64	1.77	0.00	0.00	42.44	44.13	50.36	32.71	35.00	####	####	57.22	57.87
6 to 10	53.05	0.64	1.74	0.00	0.00	42.09	43.65	53.05	34.40	36.33	####	####	59.79	60.30
6 to 11	60.35	1.04	1.82	0.00	0.00	41.20	42.23	60.35	63.43	43.14	####	####	66.58	66.36

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6043-166		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.28	0.98	3.24			16.32	14.08	2.28	1.90	3.05	####	####	1.00	0.86
+150 M	2.53	1.02	4.42			24.24	20.91	2.53	2.20	4.62	####	####	1.66	1.42
+200 M	4.53	1.12	4.86			28.86	29.36	4.53	4.32	9.09	####	####	3.53	3.58
+270 M	5.13	0.98	4.34			35.72	37.00	5.13	4.28	9.20	####	####	4.95	5.10
+400 M	10.84	0.92	3.24			39.08	39.41	10.84	8.49	14.51	####	####	11.44	11.49
-400 M	74.69	1.24	1.93			38.40	38.61	74.69	78.82	59.54	####	####	77.43	77.55
-#1 Conc	6.86	0.76	1.98			47.26	48.27	6.86	4.44	5.61	####	####	8.75	8.90
+#2 C	10.91	0.74	2.22			42.28	47.86	10.91	6.87	10.00	####	####	12.45	14.04
+#3 C	13.85	0.64	1.92			39.34	37.00	13.85	7.54	10.98	####	####	14.71	13.78
+#4 C	10.91	0.58	1.22			37.36	34.59	10.91	5.39	5.50	####	####	11.00	10.15
+#5 C	5.93	0.52	1.34			33.60	30.97	5.93	2.62	3.28	####	####	5.38	4.94
-#5 C	26.23	2.33	2.23	0.00	0.00	35.49	36.49	26.23	51.96	24.16	####	####	25.13	25.73
Head (Assy)		1.20	2.92			35.08	37.00							
Head (Calc)	100.00	1.18	2.42	0.00	0.00	37.04	37.19	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.28	0.98	3.24	0.00	0.00	16.32	14.08	2.28	1.90	3.05	####	####	1.00	0.86
1 to 2	4.81	1.00	3.86	0.00	0.00	20.49	17.67	4.81	4.10	7.67	####	####	2.66	2.29
1 to 3	9.34	1.06	4.35	0.00	0.00	24.55	23.34	9.34	8.42	16.76	####	####	6.19	5.86
1 to 4	14.47	1.03	4.34	0.00	0.00	28.51	28.18	14.47	12.69	25.96	####	####	11.14	10.97
1 to 5	25.31	0.99	3.87	0.00	0.00	33.04	32.99	25.31	21.18	40.46	####	####	22.57	22.45
6 to 6	6.86	0.76	1.98	0.00	0.00	47.26	48.27	6.86	4.44	5.61	####	####	8.75	8.90
6 to 7	17.77	0.75	2.13	0.00	0.00	44.20	48.02	17.77	11.31	15.61	####	####	21.20	22.95
6 to 8	31.62	0.70	2.04	0.00	0.00	42.07	43.19	31.62	18.85	26.60	####	####	35.91	36.73
6 to 9	42.53	0.67	1.83	0.00	0.00	40.86	40.99	42.53	24.24	32.09	####	####	46.92	46.87
6 to 10	48.46	0.65	1.77	0.00	0.00	39.97	39.76	48.46	26.86	35.38	####	####	52.30	51.81
6 to 11	74.69	1.24	1.93	0.00	0.00	38.40	38.61	74.69	78.82	59.54	####	####	77.43	77.55

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6043-167		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	0.30	3.52			23.98	21.32	0.04	0.02	0.05	####	####	0.03	0.03
+150 M	0.04	0.80	3.52			23.98	21.32	0.04	0.02	0.05	####	####	0.03	0.03
+200 M	0.22	0.80	3.52			23.98	21.32	0.22	0.11	0.30	####	####	0.16	0.15
+270 M	0.30	0.80	3.52			23.98	21.32	0.30	0.15	0.41	####	####	0.22	0.21
+400 M	0.96	0.64	2.16			28.40	28.15	0.96	0.39	0.80	####	####	0.81	0.88
-400 M	98.44	1.58	2.58			33.56	30.87	98.44	99.30	98.38	####	####	98.75	98.71
+#1 Conc	0.88	0.54	1.60			42.92	47.05	0.88	0.30	0.55	####	####	1.13	1.34
+#2 C	1.74	0.54	1.60			42.92	47.05	1.74	0.60	1.08	####	####	2.23	2.66
+#3 C	6.41	0.36	0.98			32.20	31.37	6.41	1.47	2.43	####	####	6.17	6.53
+#4 C	14.46	0.35	1.05			33.40	31.37	14.46	3.51	5.94	####	####	14.44	14.73
+#5 C	12.14	0.44	1.30			33.76	30.16	12.14	3.41	6.11	####	####	12.25	11.89
-#5 C	62.81	2.24	3.38	0.00	0.00	33.31	30.17	62.81	90.01	82.27	####	####	62.54	61.54
Head (Asy)		1.46	2.82			32.82	31.37							
Head (Calc)	100.00	1.57	2.59	0.00	0.00	33.45	30.79	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	0.80	3.52	0.00	0.00	23.98	21.32	0.04	0.02	0.05	####	####	0.03	0.03
1 to 2	0.08	0.80	3.52	0.00	0.00	23.98	21.32	0.08	0.04	0.11	####	####	0.06	0.06
1 to 3	0.30	0.80	3.52	0.00	0.00	23.98	21.32	0.30	0.15	0.41	####	####	0.22	0.21
1 to 4	0.60	0.80	3.52	0.00	0.00	23.98	21.32	0.60	0.31	0.82	####	####	0.43	0.42
1 to 5	1.56	0.70	2.68	0.00	0.00	26.70	25.52	1.56	0.70	1.62	####	####	1.25	1.29
6 to 6	0.88	0.54	1.60	0.00	0.00	42.92	47.05	0.88	0.30	0.55	####	####	1.13	1.34
6 to 7	2.62	0.54	1.60	0.00	0.00	42.92	47.05	2.62	0.90	1.62	####	####	3.36	4.00
6 to 8	9.03	0.41	1.16	0.00	0.00	35.31	35.92	9.03	2.38	4.06	####	####	9.53	10.54
6 to 9	23.49	0.39	1.10	0.00	0.00	34.13	33.12	23.49	5.88	9.99	####	####	23.97	25.27
6 to 10	35.63	0.41	1.17	0.00	0.00	34.01	32.11	35.63	9.30	16.11	####	####	36.22	37.16
6 to 11	98.44	1.58	2.58	0.00	0.00	33.56	30.87	98.44	99.30	98.38	####	####	98.75	98.71

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		Assays							Distribution							
Product		Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100	M	4.60	0.98	3.18			18.56	14.28	4.60	4.77	5.22	####	####	2.30	1.70
+150	M	4.61	0.96	4.02			22.10	20.11	4.61	4.68	6.62	####	####	2.75	2.40
+200	M	9.78	1.06	4.42			29.60	29.77	9.78	10.96	15.44	####	####	7.81	7.55
+270	M	9.97	0.98	4.10			35.46	37.80	9.97	10.33	14.60	####	####	9.54	9.77
+400	M	21.39	0.88	3.20			38.38	39.01	21.39	19.90	24.44	####	####	22.15	21.63
-400	M	49.65	0.94	1.90			41.40	44.24	49.65	49.35	33.69	####	####	55.45	56.94
+#1	Conc	8.40	0.98	1.80			46.78	50.09	8.40	8.71	5.40	####	####	10.60	10.91
+#2	C	12.70	1.02	1.82			44.16	49.07	12.70	13.70	8.25	####	####	15.13	16.16
+#3	C	13.94	0.84	1.96			39.54	41.03	13.94	12.38	9.76	####	####	14.87	14.83
+#4	C	7.16	0.79	2.08			38.12	37.41	7.16	5.98	5.32	####	####	7.26	6.94
+#5	C	2.44	0.70	1.40			35.70	31.77	2.44	1.81	1.22	####	####	2.35	2.01
-#5	C	5.01	1.28	2.09	0.00	0.00	38.02	46.95	5.01	6.78	3.74	####	####	5.14	6.10
Head	(Asy)		0.70	2.82			36.04	38.61							
Head	(Calc)	100.00	0.95	2.80	0.00	0.00	37.07	38.57	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution							
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.60	0.98	3.18	0.00	0.00	18.56	14.28	4.60	4.77	5.22	####	####	2.30	1.70
1 to 2	9.21	0.97	3.60	0.00	0.00	20.33	17.20	9.21	9.45	11.84	####	####	5.05	4.11
1 to 3	18.99	1.02	4.02	0.00	0.00	25.11	23.67	18.99	20.41	27.28	####	####	12.86	11.65
1 to 4	28.96	1.00	4.05	0.00	0.00	28.67	28.54	28.96	30.74	41.87	####	####	22.40	21.42
1 to 5	50.35	0.95	3.69	0.00	0.00	32.80	32.99	50.35	50.65	66.31	####	####	44.55	43.06
6 to 6	8.40	0.98	1.80	0.00	0.00	46.78	50.09	8.40	8.71	5.40	####	####	10.60	10.91
6 to 7	21.10	1.00	1.81	0.00	0.00	45.20	49.48	21.10	22.40	13.65	####	####	25.73	27.06
6 to 8	35.04	0.94	1.87	0.00	0.00	42.95	46.12	35.04	34.79	23.41	####	####	40.60	41.89
6 to 9	42.20	0.91	1.91	0.00	0.00	42.13	44.64	42.20	40.77	28.73	####	####	47.96	48.84
6 to 10	44.64	0.90	1.88	0.00	0.00	41.78	43.94	44.64	42.57	29.95	####	####	50.31	50.85
6 to 11	49.65	0.94	1.90	0.00	0.00	41.40	44.24	49.65	49.35	33.69	####	####	55.45	56.94

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6043-169														
				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	cot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.64	0.78	1.34			6.24	6.84	3.64	2.32	2.53	####	####	0.68	0.81
+150 M	3.17	1.02	2.68			10.74	9.25	3.17	2.64	4.40	####	####	1.01	0.95
+200 M	6.86	0.56	1.26			15.66	19.71	6.86	3.14	4.48	####	####	3.20	4.38
+270 M	6.59	0.98	2.36			36.46	30.16	6.59	5.29	8.06	####	####	7.15	6.43
+400 M	13.94	0.90	1.80			38.08	36.20	13.94	10.25	13.00	####	####	15.80	16.34
-400 M	65.80	1.42	1.98			36.86	33.38	65.80	76.37	67.52	####	####	72.17	71.10
+#1 Conc	6.81	0.72	1.22			45.78	50.08	6.81	4.01	4.31	####	####	9.28	11.04
+#2 C	8.47	0.64	1.24			41.16	43.10	8.47	4.43	5.44	####	####	10.37	11.82
+#3 C	11.40	0.48	1.10			34.58	33.75	11.40	4.47	6.50	####	####	11.73	12.45
+#4 C	9.51	0.44	1.06			33.28	31.31	9.51	3.42	5.22	####	####	9.42	9.64
+#5 C	5.49	0.46	1.12			32.68	27.25	5.49	2.15	3.19	####	####	5.34	4.84
-#5 C	24.12	2.94	3.43	0.00	0.00	36.27	27.29	24.12	57.88	42.86	####	####	26.03	21.31
Head (Asy)		1.06	2.02			29.64	33.75							
Head (Calc)	100.00	1.22	1.93	0.00	0.00	33.61	30.89	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	cot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.64	0.78	1.34	0.00	0.00	6.24	6.84	3.64	2.32	2.53	####	####	0.66	0.81
1 to 2	6.81	0.89	1.96	0.00	0.00	8.33	7.96	6.81	4.96	6.93	####	####	1.69	1.76
1 to 3	13.67	0.73	1.61	0.00	0.00	12.01	13.86	13.67	8.10	11.41	####	####	4.89	6.13
1 to 4	20.26	0.81	1.85	0.00	0.00	19.76	19.16	20.26	13.38	19.47	####	####	12.04	12.57
1 to 5	34.20	0.85	1.83	0.00	0.00	27.35	26.11	34.20	23.63	32.48	####	####	27.83	28.90
6 to 6	6.81	0.72	1.22	0.00	0.00	45.78	50.08	6.81	4.01	4.31	####	####	9.28	11.04
6 to 7	15.28	0.68	1.23	0.00	0.00	43.22	46.21	15.28	8.44	9.75	####	####	19.65	22.86
6 to 8	26.68	0.59	1.18	0.00	0.00	39.53	40.89	26.68	12.91	16.25	####	####	31.38	35.31
6 to 9	36.19	0.55	1.14	0.00	0.00	37.89	38.37	36.19	16.33	21.47	####	####	40.80	44.95
6 to 10	41.68	0.54	1.14	0.00	0.00	37.20	36.91	41.68	18.48	24.66	####	####	46.14	49.79
6 to 11	65.80	1.42	1.98	0.00	0.00	36.86	33.38	65.80	76.37	67.52	####	####	72.17	71.10

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6043-170

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
		Assays						**Distribution**						
+100 M	0.07	0.92	2.04			11.13	15.46	0.07	0.04	0.06	####	####	0.03	0.04
+150 M	0.14	0.92	2.04			11.13	15.46	0.14	0.09	0.13	####	####	0.05	0.08
+200 M	0.41	0.92	2.04			11.13	15.46	0.41	0.26	0.38	####	####	0.15	0.24
-270 M	0.60	0.92	2.04			11.13	15.46	0.60	0.38	0.55	####	####	0.22	0.35
+400 M	3.51	0.72	1.36			16.90	12.61	3.51	1.72	2.14	####	####	2.20	1.66
-400 M	95.27	1.50	2.26			30.82	27.25	95.27	97.51	96.74	####	####	97.35	97.63
+#1 Conc	0.81	0.64	1.48			31.78	35.60	0.81	0.35	0.54	####	####	0.85	1.08
+#2 C	2.22	0.64	1.48			31.78	35.60	2.22	0.97	1.48	####	####	2.34	2.97
+#3 C	10.87	0.44	1.22			25.90	23.60	10.87	3.26	5.96	####	####	9.33	9.65
+#4 C	18.07	0.46	1.16			29.18	30.00	18.07	5.67	9.42	####	####	16.88	20.39
+#5 C	11.50	0.52	1.08			28.14	26.80	11.50	4.08	5.58	####	####	10.73	11.59
-#5 C	51.80	2.35	3.17	0.00	0.00	33.31	26.67	51.80	83.17	73.77	####	####	57.21	51.95
Head (Asy)		1.34	2.20			27.92	26.60							
Head (Calc)	100.00	1.47	2.23	0.00	0.00	30.16	26.59	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
		Assays						**Distribution**						
1 to 1	0.07	0.92	2.04	0.00	0.00	11.13	15.46	0.07	0.04	0.06	####	####	0.03	0.04
1 to 2	0.21	0.92	2.04	0.00	0.00	11.13	15.46	0.21	0.13	0.19	####	####	0.08	0.12
1 to 3	0.62	0.92	2.04	0.00	0.00	11.13	15.46	0.62	0.39	0.57	####	####	0.23	0.36
1 to 4	1.22	0.92	2.04	0.00	0.00	11.13	15.46	1.22	0.77	1.12	####	####	0.45	0.71
1 to 5	4.73	0.77	1.54	0.00	0.00	16.90	13.35	4.73	2.49	3.26	####	####	2.65	2.37
6 to 6	0.81	0.64	1.48	0.00	0.00	31.78	35.60	0.81	0.35	0.54	####	####	0.85	1.08
6 to 7	3.03	0.64	1.48	0.00	0.00	31.78	35.60	3.03	1.32	2.01	####	####	3.19	4.06
6 to 8	13.90	0.48	1.28	0.00	0.00	27.18	26.22	13.90	4.59	7.97	####	####	12.53	13.70
6 to 9	31.97	0.47	1.21	0.00	0.00	27.75	28.35	31.97	10.26	17.39	####	####	29.41	34.09
6 to 10	43.47	0.48	1.18	0.00	0.00	27.85	27.94	43.47	14.34	22.97	####	####	40.14	45.68
6 to 11	95.27	1.50	2.26	0.00	0.00	30.82	27.25	95.27	97.51	96.74	####	####	97.35	97.63

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6043-171				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.39	0.46	1.16			7.64	6.00	4.39	2.48	3.28	####	####	1.09	0.81
+150 M	5.29	0.66	1.60			11.28	8.00	5.29	4.29	5.46	####	####	1.95	1.29
+200 M	10.65	0.86	2.34			18.60	17.60	10.65	11.26	16.07	####	####	6.47	5.73
+270 M	11.22	0.94	1.88			27.34	28.00	11.22	12.97	13.60	####	####	10.01	9.61
+400 M	25.08	0.82	1.04			32.62	33.60	25.08	25.28	16.82	####	####	26.71	25.78
-400 M	43.37	0.82	1.60			37.98	42.80	43.37	43.72	44.76	####	####	53.77	56.78
+#1 Conc	10.81	0.64	1.48			43.30	50.80	10.81	8.50	10.32	####	####	15.28	16.80
+#2 C	14.63	0.62	1.42			39.48	44.80	14.63	11.15	13.40	####	####	18.85	20.05
+#3 C	11.51	0.56	1.32			35.72	38.00	11.51	7.92	9.80	####	####	13.42	13.38
+#4 C	3.03	0.60	0.92			33.48	35.20	3.03	2.23	1.80	####	####	3.31	3.26
+#5 C	0.67	0.64	0.84			31.00	26.40	0.67	0.53	0.36	####	####	0.68	0.54
-#5 C	2.72	4.00	5.17	0.00	0.00	25.06	33.07	2.72	13.38	9.08	####	####	2.23	2.75
Head (Asy)		0.84	1.52			31.20	33.60							
Head (Calc)	100.00	0.81	1.55	0.00	0.00	30.63	32.69	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.39	0.46	1.16	0.00	0.00	7.64	6.00	4.39	2.48	3.28	####	####	1.09	0.81
1 to 2	9.68	0.57	1.40	0.00	0.00	9.63	7.09	9.68	6.77	8.74	####	####	3.04	2.10
1 to 3	20.33	0.72	1.89	0.00	0.00	14.33	12.60	20.33	18.03	24.82	####	####	9.51	7.83
1 to 4	31.55	0.80	1.89	0.00	0.00	18.96	18.07	31.55	31.00	38.42	####	####	19.52	17.44
1 to 5	56.63	0.81	1.51	0.00	0.00	25.01	24.95	56.63	56.28	55.24	####	####	46.23	43.22
6 to 6	10.81	0.64	1.48	0.00	0.00	43.30	50.80	10.81	8.50	10.32	####	####	15.28	16.80
6 to 7	25.44	0.63	1.45	0.00	0.00	41.10	47.35	25.44	19.66	23.72	####	####	34.13	36.85
6 to 8	36.95	0.61	1.41	0.00	0.00	39.43	44.44	36.95	27.58	33.52	####	####	47.56	50.23
6 to 9	39.98	0.61	1.37	0.00	0.00	38.98	43.74	39.98	29.81	35.31	####	####	50.87	53.49
6 to 10	40.65	0.61	1.36	0.00	0.00	38.84	43.45	40.65	30.34	35.68	####	####	51.55	54.03
6 to 11	43.37	0.82	1.60	0.00	0.00	37.98	42.80	43.37	43.72	44.76	####	####	53.77	56.78

B.M.+S.--Metallurgical Laboratory Report

6843-172				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.20	0.60	1.00			10.98	6.40	4.20	2.37	2.02	####	####	1.44	0.89
+150 M	4.27	0.82	2.22			16.22	10.40	4.27	3.30	4.57	####	####	2.17	1.47
+200 M	6.65	1.08	2.56			24.18	20.00	6.65	6.76	9.16	####	####	5.03	4.39
+270 M	7.25	1.09	2.50			30.68	30.40	7.25	7.37	8.73	####	####	6.96	7.28
+400 M	16.68	0.72	2.60			34.68	37.00	16.68	11.31	20.89	####	####	18.09	20.38
-400 M	60.95	1.20	1.86			34.80	32.60	60.95	68.88	54.62	####	####	66.32	65.60
+#1 Conc	4.08	0.64	0.86			46.00	51.20	4.08	2.46	1.69	####	####	5.87	6.90
+#2 C	7.27	0.70	1.32			43.72	46.00	7.27	4.79	4.62	####	####	9.94	11.04
+#3 C	10.94	0.46	1.22			36.96	34.60	10.94	4.74	6.43	####	####	12.64	12.50
+#4 C	9.29	0.50	1.38			34.72	30.00	9.29	4.37	6.18	####	####	10.09	9.20
+#5 C	4.58	0.56	1.30			31.30	26.40	4.58	2.42	2.87	####	####	4.48	3.99
-#5 C	24.79	2.15	2.75	0.00	0.00	30.06	26.85	24.79	50.10	32.83	####	####	23.30	21.97
Head (Asy)		1.04	2.26			33.22	31.20							
Head (Calc)	100.00	1.06	2.08	0.00	0.00	31.98	30.29	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.20	0.60	1.00	0.00	0.00	10.98	6.40	4.20	2.37	2.02	####	####	1.44	0.89
1 to 2	8.47	0.71	1.62	0.00	0.00	13.62	8.42	8.47	5.67	6.59	####	####	3.61	2.35
1 to 3	15.12	0.87	2.16	0.00	0.00	18.27	13.51	15.12	12.43	15.75	####	####	8.64	6.74
1 to 4	22.37	0.94	2.27	0.00	0.00	22.29	18.98	22.37	19.81	24.49	####	####	15.59	14.02
1 to 5	39.05	0.85	2.41	0.00	0.00	27.58	26.68	39.05	31.12	45.38	####	####	33.68	34.40
6 to 6	4.08	0.64	0.86	0.00	0.00	46.00	51.20	4.08	2.46	1.69	####	####	5.87	6.90
6 to 7	11.35	0.68	1.15	0.00	0.00	44.54	47.87	11.35	7.25	6.31	####	####	15.81	17.94
6 to 8	22.29	0.57	1.19	0.00	0.00	40.82	41.36	22.29	11.99	12.74	####	####	28.45	30.44
6 to 9	31.58	0.55	1.24	0.00	0.00	39.03	38.02	31.58	16.37	18.92	####	####	38.54	39.64
6 to 10	36.16	0.55	1.25	0.00	0.00	38.05	36.54	36.16	18.78	21.79	####	####	43.02	43.63
6 to 11	60.95	1.20	1.86	0.00	0.00	34.80	32.60	60.95	68.88	54.62	####	####	66.32	65.60

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6843-173				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.21	0.44	1.10			11.66	6.60	0.21	0.08	0.11	####	####	0.08	0.05
+150 M	0.44	0.44	1.10			11.66	6.60	0.44	0.16	0.22	####	####	0.16	0.10
+200 M	2.07	0.44	1.10			11.66	6.60	2.07	0.77	1.05	####	####	0.75	0.48
+270 M	2.53	0.52	1.20			15.50	7.60	2.53	1.11	1.40	####	####	1.23	0.68
+400 M	7.30	0.60	1.29			22.12	15.20	7.30	3.69	4.32	####	####	5.05	3.90
-400 M	87.45	1.28	2.30			33.94	30.80	87.45	94.20	92.90	####	####	92.74	94.79
+#1 Conc	2.90	0.60	1.58			46.30	47.20	2.90	1.46	2.12	####	####	4.20	4.82
+#2 C	7.34	0.56	1.50			41.02	38.00	7.34	3.46	5.09	####	####	9.41	9.82
+#3 C	15.15	0.46	1.16			34.62	31.18	15.15	5.86	8.12	####	####	16.39	16.62
+#4 C	14.39	0.40	1.26			33.56	29.52	14.39	4.84	8.37	####	####	15.09	14.95
+#5 C	8.79	0.42	1.38			32.18	26.61	8.79	3.11	5.60	####	####	8.84	8.23
-#5 C	38.88	2.31	3.54	0.00	0.00	31.96	29.49	38.88	75.46	63.60	####	####	38.82	40.35
Head (Asy)		1.06	2.16			31.00	29.94							
Head (Calc)	100.00	1.19	2.17	0.00	0.00	32.00	28.42	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.21	0.44	1.10	0.00	0.00	11.66	6.60	0.21	0.08	0.11	####	####	0.08	0.05
1 to 2	0.65	0.44	1.10	0.00	0.00	11.66	6.60	0.65	0.24	0.33	####	####	0.24	0.15
1 to 3	2.72	0.44	1.10	0.00	0.00	11.66	6.60	2.72	1.01	1.38	####	####	0.99	0.63
1 to 4	5.25	0.48	1.15	0.00	0.00	13.51	7.08	5.25	2.11	2.78	####	####	2.22	1.31
1 to 5	12.55	0.55	1.22	0.00	0.00	18.52	11.60	12.55	5.80	7.10	####	####	7.26	5.21
6 to 6	2.90	0.60	1.58	0.00	0.00	46.30	47.20	2.90	1.46	2.12	####	####	4.20	4.82
6 to 7	10.24	0.57	1.52	0.00	0.00	42.52	40.61	10.24	4.92	7.20	####	####	13.60	14.63
6 to 8	25.39	0.50	1.31	0.00	0.00	37.80	34.98	25.39	10.79	15.32	####	####	29.99	31.26
6 to 9	39.78	0.47	1.29	0.00	0.00	36.27	33.01	39.78	15.63	23.69	####	####	45.08	46.21
6 to 10	48.57	0.46	1.31	0.00	0.00	35.53	31.85	48.57	18.74	29.30	####	####	53.92	54.44
6 to 11	87.45	1.28	2.30	0.00	0.00	33.94	30.80	87.45	94.20	92.90	####	####	92.74	94.79

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6843-174

		Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.93	0.38	1.18			9.76	6.24	5.93	1.87	3.38	####	####	1.66	1.05
+150 M	7.91	0.70	2.14			15.20	8.32	7.91	4.58	8.18	####	####	3.45	1.87
+200 M	13.08	0.96	3.14			25.26	23.29	13.08	10.40	19.86	####	####	9.49	8.64
+270 M	13.93	1.00	2.74			34.88	35.76	13.93	11.53	18.46	####	####	13.95	14.14
+400 M	30.11	1.60	1.88			41.38	43.66	30.11	39.89	27.37	####	####	35.78	37.30
-400 M	29.04	1.32	1.62			42.78	44.90	29.04	31.74	22.75	####	####	35.67	37.00
+#1 Conc	7.69	1.20	1.16			46.02	49.49	7.69	7.64	4.31	####	####	10.16	10.80
+#2 C	10.07	1.12	1.50			44.98	48.64	10.07	9.34	7.30	####	####	13.01	13.90
+#3 C	5.98	0.88	1.42			39.96	41.99	5.98	4.36	4.11	####	####	6.86	7.13
+#4 C	2.18	0.96	1.32			36.16	35.76	2.18	1.73	1.39	####	####	2.26	2.21
+#5 C	0.67	1.20	1.92			39.60	29.31	0.67	0.67	0.62	####	####	0.76	0.56
-#5 C	2.45	3.95	4.23	0.00	0.00	37.21	34.62	2.45	8.00	5.01	####	####	2.62	2.41
Head (Asy)		1.72	2.90			33.00	36.17							
Head (Calc)	100.00	1.21	2.07	0.00	0.00	34.83	35.24	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.93	0.38	1.18	0.00	0.00	9.76	6.24	5.93	1.87	3.38	####	####	1.66	1.05
1 to 2	13.84	0.56	1.73	0.00	0.00	12.87	7.43	13.84	6.45	11.57	####	####	5.11	2.92
1 to 3	26.92	0.76	2.41	0.00	0.00	18.89	15.14	26.92	16.85	31.43	####	####	14.60	11.56
1 to 4	40.85	0.84	2.53	0.00	0.00	24.34	22.17	40.85	28.38	49.88	####	####	28.55	25.70
1 to 5	70.96	1.16	2.25	0.00	0.00	31.57	31.29	70.96	68.26	77.25	####	####	64.33	63.00
6 to 6	7.69	1.20	1.16	0.00	0.00	46.02	49.49	7.69	7.64	4.31	####	####	10.16	10.80
6 to 7	17.76	1.15	1.35	0.00	0.00	45.43	49.01	17.76	16.98	11.62	####	####	23.17	24.70
6 to 8	23.74	1.09	1.37	0.00	0.00	44.05	47.24	23.74	21.33	15.72	####	####	30.03	31.82
6 to 9	25.92	1.07	1.37	0.00	0.00	43.39	46.27	25.92	23.07	17.11	####	####	32.29	34.04
6 to 10	26.59	1.08	1.38	0.00	0.00	43.29	45.85	26.59	23.73	17.74	####	####	33.05	34.59
6 to 11	29.04	1.32	1.62	0.00	0.00	42.78	44.90	29.04	31.74	22.75	####	####	35.67	37.00

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6043-175				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.98	0.54	1.56			11.52	6.73	3.98	1.72	2.92	####	####	1.44	0.92
+150 M	3.40	0.78	2.32			15.54	9.68	3.40	2.12	3.71	####	####	1.66	1.13
+200 M	6.93	0.96	2.70			23.26	20.19	6.93	5.33	8.79	####	####	5.05	4.79
+270 M	6.69	1.00	2.26			31.64	30.69	6.69	5.36	7.11	####	####	6.63	7.02
+400 M	14.43	0.86	1.58			35.34	23.97	14.43	9.94	10.71	####	####	15.98	11.83
-400 M	64.57	1.46	2.20			34.22	33.64	64.57	75.52	66.76	####	####	69.24	74.31
+#1 Conc	6.59	0.58	1.04			48.12	50.14	6.59	3.06	3.22	####	####	9.94	11.30
+#2 C	8.27	0.54	1.16			42.30	44.15	8.27	3.58	4.51	####	####	10.96	12.49
+#3 C	11.02	0.44	1.26			34.18	33.22	11.02	3.88	6.53	####	####	11.80	12.52
+#4 C	9.21	0.62	1.60			31.36	30.28	9.21	4.57	6.93	####	####	9.05	9.54
+#5 C	5.41	0.72	1.92			30.88	26.49	5.41	3.12	4.88	####	####	5.24	4.90
-#5 C	24.07	2.97	3.60	0.00	0.00	29.50	28.60	24.07	57.30	40.70	####	####	22.25	23.53
Head (Asy)		1.22	2.14			32.34	30.07							
Head (Calc)	100.00	1.25	2.13	0.00	0.00	31.91	29.23	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.98	0.54	1.56	0.00	0.00	11.52	6.73	3.98	1.72	2.92	####	####	1.44	0.92
1 to 2	7.38	0.65	1.91	0.00	0.00	13.37	8.09	7.38	3.85	6.63	####	####	3.09	2.04
1 to 3	14.31	0.80	2.29	0.00	0.00	18.16	13.95	14.31	9.18	15.42	####	####	8.14	6.83
1 to 4	21.00	0.86	2.28	0.00	0.00	22.45	19.28	21.00	14.54	22.52	####	####	14.78	13.85
1 to 5	35.43	0.86	2.00	0.00	0.00	27.70	21.19	35.43	24.48	33.24	####	####	30.76	25.69
6 to 6	6.59	0.58	1.04	0.00	0.00	48.12	50.14	6.59	3.06	3.22	####	####	9.94	11.30
6 to 7	14.86	0.56	1.11	0.00	0.00	44.88	46.81	14.86	6.64	7.73	####	####	20.90	23.80
6 to 8	25.88	0.51	1.17	0.00	0.00	40.32	41.02	25.88	10.52	14.26	####	####	32.70	36.32
6 to 9	35.09	0.54	1.28	0.00	0.00	37.97	38.20	35.09	15.10	21.18	####	####	41.75	45.86
6 to 10	40.50	0.56	1.37	0.00	0.00	37.02	36.64	40.50	18.22	26.06	####	####	46.99	50.76
6 to 11	64.57	1.46	2.20	0.00	0.00	34.22	33.64	64.57	75.52	66.76	####	####	69.24	74.31

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6843-176

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.15	0.50	0.98			10.34	6.31	0.15	0.05	0.06	####	####	0.05	0.03
+150 M	0.48	0.50	0.98			10.34	6.31	0.48	0.17	0.20	####	####	0.16	0.11
+200 M	1.44	0.50	0.98			10.34	6.31	1.44	0.51	0.61	####	####	0.48	0.32
+270 M	2.24	0.48	0.96			12.18	9.25	2.24	0.76	0.93	####	####	0.87	0.72
+400 M	7.68	0.58	1.02			18.20	13.88	7.68	3.13	3.38	####	####	4.48	3.70
-400 M	88.01	1.54	2.50			33.30	31.12	88.01	95.38	94.82	####	####	93.96	95.12
+#1 Conc	2.79	0.68	1.38			46.20	48.78	2.79	1.34	1.66	####	####	4.13	4.73
+#2 C	6.93	0.58	1.42			41.30	39.95	6.93	2.83	4.24	####	####	9.18	9.62
+#3 C	14.77	0.56	1.34			33.34	28.18	14.77	5.82	8.53	####	####	15.79	14.46
+#4 C	14.31	0.76	1.28			33.18	29.44	14.31	7.65	7.89	####	####	15.22	14.63
+#5 C	8.84	0.90	1.74			30.96	28.18	8.84	5.60	6.63	####	####	8.77	8.65
-#5 C	40.37	2.54	3.79	0.00	0.00	31.58	30.70	40.37	72.14	65.87	####	####	40.87	43.04
Head (Asy)		1.50	2.48			31.20	32.80							
Head (Calc)	100.00	1.42	2.32	0.00	0.00	31.19	28.79	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.15	0.50	0.98	0.00	0.00	10.34	6.31	0.15	0.05	0.06	####	####	0.05	0.03
1 to 2	0.63	0.50	0.98	0.00	0.00	10.34	6.31	0.63	0.22	0.27	####	####	0.21	0.14
1 to 3	2.07	0.50	0.98	0.00	0.00	10.34	6.31	2.07	0.73	0.87	####	####	0.69	0.45
1 to 4	4.31	0.49	0.97	0.00	0.00	11.30	7.84	4.31	1.49	1.80	####	####	1.56	1.17
1 to 5	11.99	0.55	1.00	0.00	0.00	15.72	11.71	11.99	4.62	5.18	####	####	6.04	4.88
6 to 6	2.79	0.68	1.38	0.00	0.00	46.20	48.78	2.79	1.34	1.66	####	####	4.13	4.73
6 to 7	9.72	0.61	1.41	0.00	0.00	42.71	42.48	9.72	4.16	5.90	####	####	13.31	14.34
6 to 8	24.49	0.58	1.37	0.00	0.00	37.06	33.86	24.49	9.98	14.43	####	####	29.10	28.80
6 to 9	38.80	0.65	1.34	0.00	0.00	35.63	32.23	38.80	17.64	22.32	####	####	44.32	43.43
6 to 10	47.64	0.69	1.41	0.00	0.00	34.76	31.48	47.64	23.24	28.95	####	####	53.09	52.08
6 to 11	88.01	1.54	2.50	0.00	0.00	33.30	31.12	88.01	95.38	94.82	####	####	93.96	95.12

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6043-177				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.70	0.46	1.34			20.64	6.31	6.70	3.53	4.58	####	####	3.92	100.00
+150 M	7.05	0.70	2.14			14.44		7.05	5.65	7.70	####	####	2.89	0.00
+200 M	13.06	0.92	2.54			21.74		13.06	13.76	16.93	####	####	8.05	0.00
+270 M	12.64	0.96	2.12			33.04		12.64	13.89	13.68	####	####	11.84	0.00
+400 M	26.24	0.90	1.70			41.86		26.24	27.04	22.77	####	####	31.14	0.00
-400 M	34.31	0.92	1.96			43.34		34.31	36.14	34.33	####	####	42.16	0.00
+#1 Conc	11.90	0.68	1.52			45.88		11.90	9.26	9.23	####	####	15.48	0.00
+#2 C	11.18	0.66	1.66			44.38		11.18	8.45	9.47	####	####	14.07	0.00
+#3 C	6.11	0.64	1.54			40.58		6.11	4.48	4.80	####	####	7.03	0.00
+#4 C	2.20	0.92	1.94			35.04		2.20	2.32	2.18	####	####	2.19	0.00
+#5 C	0.67	1.28	1.34			35.00		0.67	0.98	0.46	####	####	0.66	0.00
-#5 C	2.25	4.13	7.12	0.00	0.00	42.83	0.00	2.25	10.65	8.18	####	####	2.73	0.00
Head (Asy)		0.92	2.24			34.40								
Head (Calc)	100.00	0.87	1.96	0.00	0.00	35.27	0.42	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.70	0.46	1.34	0.00	0.00	20.64	6.31	6.70	3.53	4.58	####	####	3.92	100.00
1 to 2	13.75	0.58	1.75	0.00	0.00	17.46	3.07	13.75	9.18	12.28	####	####	6.81	100.00
1 to 3	26.81	0.75	2.13	0.00	0.00	19.55	1.58	26.81	22.93	29.22	####	####	14.86	100.00
1 to 4	39.45	0.82	2.13	0.00	0.00	23.87	1.07	39.45	36.83	42.90	####	####	26.70	100.00
1 to 5	65.69	0.85	1.96	0.00	0.00	31.06	0.64	65.69	63.86	65.67	####	####	57.84	100.00
6 to 6	11.90	0.68	1.52	0.00	0.00	45.88	0.00	11.90	9.26	9.23	####	####	15.48	0.00
6 to 7	23.08	0.67	1.59	0.00	0.00	45.15	0.00	23.08	17.71	18.71	####	####	29.55	0.00
6 to 8	29.19	0.66	1.58	0.00	0.00	44.20	0.00	29.19	22.19	23.51	####	####	36.58	0.00
6 to 9	31.39	0.68	1.60	0.00	0.00	43.55	0.00	31.39	24.51	25.69	####	####	38.76	0.00
6 to 10	32.06	0.69	1.60	0.00	0.00	43.38	0.00	32.06	25.49	26.15	####	####	39.43	0.00
6 to 11	34.31	0.92	1.96	0.00	0.00	43.34	0.00	34.31	36.14	34.33	####	####	42.16	0.00

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6043-178				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.43	0.54	1.14			10.42	6.66	3.43	1.41	1.98	####	####	1.12	0.75
+150 M	3.97	0.86	2.08			15.06	9.98	3.97	2.60	4.18	####	####	1.88	1.30
+200 M	6.19	1.06	2.61			23.30	19.54	6.19	4.99	8.18	####	####	4.54	3.98
+270 M	6.99	1.02	2.28			30.72	29.52	6.99	5.42	8.07	####	####	6.75	6.79
+400 M	16.75	0.88	1.48			35.50	35.35	16.75	11.21	12.55	####	####	18.70	19.47
-400 M	62.67	1.56	2.05			34.00	32.85	62.67	74.37	65.04	####	####	67.01	67.71
+#1 Conc	5.11	0.70	0.84			46.50	50.72	5.11	2.72	2.17	####	####	7.47	8.52
+#2 C	7.78	0.66	0.98			43.36	45.73	7.78	3.91	3.86	####	####	10.61	11.70
+#3 C	10.97	0.66	1.24			33.22	32.43	10.97	5.51	6.89	####	####	11.46	11.70
+#4 C	9.33	0.80	1.62			31.80	29.31	9.33	5.68	7.65	####	####	9.33	8.99
+#5 C	5.13	0.90	1.82			30.30	24.95	5.13	3.51	4.73	####	####	4.89	4.21
-#5 C	24.35	2.86	3.22	0.00	0.00	30.36	28.19	24.35	53.04	39.74	####	####	23.25	22.58
Head (Asy)		1.32	2.00			31.30	30.35							
Head (Calc)	100.00	1.31	1.98	0.00	0.00	31.80	30.41	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.43	0.54	1.14	0.00	0.00	10.42	6.66	3.43	1.41	1.98	####	####	1.12	0.75
1 to 2	7.40	0.71	1.64	0.00	0.00	12.91	8.44	7.40	4.01	6.16	####	####	3.00	2.05
1 to 3	13.59	0.87	2.08	0.00	0.00	17.64	13.50	13.59	9.00	14.34	####	####	7.54	6.03
1 to 4	20.58	0.92	2.15	0.00	0.00	22.08	18.94	20.58	14.42	22.41	####	####	14.29	12.82
1 to 5	37.33	0.90	1.85	0.00	0.00	28.10	26.30	37.33	25.63	34.96	####	####	32.99	32.29
6 to 6	5.11	0.70	0.84	0.00	0.00	46.50	50.72	5.11	2.72	2.17	####	####	7.47	8.52
6 to 7	12.89	0.68	0.92	0.00	0.00	44.60	47.71	12.89	6.63	6.03	####	####	18.08	20.23
6 to 8	23.86	0.67	1.07	0.00	0.00	39.37	40.68	23.86	12.13	12.92	####	####	29.54	31.93
6 to 9	33.19	0.71	1.22	0.00	0.00	37.24	37.49	33.19	17.81	20.57	####	####	38.87	40.92
6 to 10	38.32	0.73	1.30	0.00	0.00	36.31	35.81	38.32	21.32	25.30	####	####	43.76	45.13
6 to 11	62.67	1.56	2.05	0.00	0.00	34.00	32.85	62.67	74.37	65.04	####	####	67.01	67.71

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6043-179			Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.24	0.56	0.96			10.32	7.48	0.24	0.09	0.13	####	####	0.08	0.06
+150 M	0.45	0.56	0.96			10.32	7.48	0.45	0.18	0.24	####	####	0.16	0.12
+200 M	2.03	0.56	0.96			10.32	7.48	2.03	0.80	1.08	####	####	0.70	0.54
+270 M	2.48	0.60	1.16			13.12	8.32	2.48	1.04	1.59	####	####	1.09	0.73
+400 M	6.94	0.66	1.26			19.12	15.80	6.94	3.21	4.83	####	####	4.44	3.89
-400 M	87.86	1.54	1.90			31.84	30.35	87.86	94.69	92.14	####	####	93.54	94.65
+#1 Conc	2.88	0.70	1.22			45.40	47.81	2.88	1.41	1.94	####	####	4.37	4.89
+#2 C	7.16	0.66	1.32			39.30	39.91	7.16	3.31	5.22	####	####	9.41	10.14
+#3 C	14.83	0.64	1.24			31.64	31.60	14.83	6.64	10.15	####	####	15.69	16.63
+#4 C	14.54	0.78	1.34			30.74	29.10	14.54	7.94	10.75	####	####	14.94	15.02
+#5 C	8.60	0.94	1.64			29.56	24.95	8.60	5.66	7.79	####	####	8.50	7.62
-#5 C	39.85	2.50	2.56	0.00	0.00	30.49	28.53	39.85	69.73	56.30	####	####	40.62	40.35
Head (Asy)		1.46	2.02			29.80	26.49							
Head (Calc)	100.00	1.43	1.81	0.00	0.00	29.91	28.17	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.24	0.56	0.96	0.00	0.00	10.32	7.48	0.24	0.09	0.13	####	####	0.08	0.06
1 to 2	0.69	0.56	0.96	0.00	0.00	10.32	7.48	0.69	0.27	0.37	####	####	0.24	0.18
1 to 3	2.72	0.56	0.96	0.00	0.00	10.32	7.48	2.72	1.07	1.44	####	####	0.94	0.72
1 to 4	5.20	0.58	1.06	0.00	0.00	11.66	7.88	5.20	2.11	3.03	####	####	2.03	1.45
1 to 5	12.14	0.63	1.17	0.00	0.00	15.92	12.41	12.14	5.31	7.86	####	####	6.46	5.35
6 to 6	2.88	0.70	1.22	0.00	0.00	45.40	47.81	2.88	1.41	1.94	####	####	4.37	4.89
6 to 7	10.04	0.67	1.29	0.00	0.00	41.05	42.18	10.04	4.72	7.16	####	####	13.78	15.03
6 to 8	24.87	0.65	1.26	0.00	0.00	35.44	35.87	24.87	11.36	17.31	####	####	29.47	31.67
6 to 9	39.41	0.70	1.29	0.00	0.00	33.71	33.37	39.41	19.30	28.06	####	####	44.41	46.68
6 to 10	48.01	0.74	1.35	0.00	0.00	32.96	31.86	48.01	24.95	35.85	####	####	52.91	54.30
6 to 11	87.86	1.54	1.90	0.00	0.00	31.84	30.35	87.86	94.69	92.14	####	####	93.54	94.65

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6043-100			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.92	0.58	1.24			10.60	6.73	6.92	4.09	4.96	####	####	2.17	1.33
+150 M	8.25	0.88	2.16			15.44	10.10	8.25	7.39	10.30	####	####	3.77	2.38
+200 M	13.12	1.10	1.32			24.38	22.71	13.12	14.69	10.01	####	####	9.48	8.49
+270 M	13.84	1.10	2.44			33.28	36.16	13.84	15.50	19.52	####	####	13.65	14.27
+400 M	28.80	0.92	1.68			40.26	44.15	28.80	26.97	27.97	####	####	34.36	36.25
-400 M	29.07	1.06	1.62			42.44	44.99	29.07	31.37	27.23	####	####	36.56	37.29
+#1 Cone	7.87	0.70	1.12			46.88	50.88	7.87	5.61	5.10	####	####	10.93	11.42
+#2 C	9.81	0.76	1.26			45.86	49.20	9.81	7.59	7.15	####	####	13.33	13.76
+#3 C	6.18	0.84	1.30			38.80	42.05	6.18	5.28	4.64	####	####	7.11	7.41
+#4 C	2.33	1.14	1.82			34.26	33.64	2.33	2.70	2.45	####	####	2.37	2.23
+#5 C	0.74	1.68	2.10			35.20	28.60	0.74	1.27	0.90	####	####	0.77	0.60
-#5 C	2.14	4.09	5.65	0.00	0.00	32.36	30.55	2.14	8.92	6.99	####	####	2.05	1.86
Head (Asy)		1.00	2.02			34.00	36.16							
Head (Calc)	100.00	0.98	1.73	0.00	0.00	33.74	35.08	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.92	0.58	1.24	0.00	0.00	10.60	6.73	6.92	4.09	4.96	####	####	2.17	1.33
1 to 2	15.17	0.74	1.74	0.00	0.00	13.23	8.56	15.17	11.48	15.26	####	####	5.95	3.70
1 to 3	28.29	0.91	1.55	0.00	0.00	18.40	15.12	28.29	26.17	25.28	####	####	15.43	12.20
1 to 4	42.13	0.97	1.84	0.00	0.00	23.29	22.03	42.13	41.66	44.80	####	####	29.08	26.46
1 to 5	70.93	0.95	1.77	0.00	0.00	30.18	31.01	70.93	68.63	72.77	####	####	63.44	62.71
6 to 6	7.87	0.70	1.12	0.00	0.00	46.88	50.88	7.87	5.61	5.10	####	####	10.93	11.42
6 to 7	17.68	0.73	1.20	0.00	0.00	46.31	49.95	17.68	13.20	12.24	####	####	24.27	25.18
6 to 8	23.86	0.76	1.22	0.00	0.00	44.37	47.90	23.86	18.48	16.89	####	####	31.37	32.58
6 to 9	26.19	0.79	1.28	0.00	0.00	43.47	46.63	26.19	21.18	19.34	####	####	33.74	34.82
6 to 10	26.93	0.82	1.30	0.00	0.00	43.24	46.14	26.93	22.45	20.24	####	####	34.51	35.42
6 to 11	29.07	1.06	1.62	0.00	0.00	42.44	44.99	29.07	31.37	27.23	####	####	36.56	37.29

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6043-181				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.56	0.70	1.66			8.08	8.14	3.56	1.68	2.25	####	####	0.96	0.90
+150 M	3.84	0.96	2.98			12.26	10.98	3.84	2.49	4.35	####	####	1.57	1.32
+200 M	6.58	1.24	3.78			21.10	22.37	6.58	5.50	9.46	####	####	4.62	4.59
+270 M	7.48	1.22	3.06			29.52	32.13	7.48	6.15	8.71	####	####	7.34	7.50
+400 M	15.93	1.00	2.12			33.68	36.60	15.93	10.74	12.84	####	####	17.84	18.19
-400 M	62.61	1.74	2.62			32.50	34.56	62.61	73.44	62.39	####	####	67.67	67.50
+#1 Conc	5.28	0.76	1.26			45.08	51.24	5.28	2.71	2.53	####	####	7.92	8.44
+#2 C	7.85	0.76	1.66			41.16	45.95	7.85	4.02	4.96	####	####	10.75	11.[illegible]
+#3 C	10.94	0.72	1.56			32.40	32.93	10.94	5.31	6.49	####	####	11.79	11.24
+#4 C	9.33	0.88	1.90			30.18	30.90	9.33	5.54	6.74	####	####	9.36	8.99
+#5 C	5.24	0.94	2.14			28.84	28.47	5.24	3.32	4.26	####	####	5.03	4.65
-#5 C	23.97	3.25	4.10	0.00	0.00	28.64	30.66	23.97	52.55	37.41	####	####	22.83	22.92
Head (Asy)		1.52	2.48			29.76	32.13							
Head (Calc)	100.00	1.48	2.63	0.00	0.00	30.07	32.06	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.56	0.70	1.66	0.00	0.00	8.08	8.14	3.56	1.68	2.25	####	####	0.96	0.90
1 to 2	7.40	0.83	2.34	0.00	0.00	10.25	9.61	7.40	4.17	6.60	####	####	2.52	2.22
1 to 3	13.98	1.03	3.02	0.00	0.00	15.26	15.62	13.98	9.67	16.06	####	####	7.14	6.81
1 to 4	21.46	1.09	3.03	0.00	0.00	20.29	21.37	21.46	15.82	24.77	####	####	14.48	14.31
1 to 5	37.39	1.05	2.64	0.00	0.00	26.00	27.86	37.39	26.56	37.61	####	####	32.33	32.50
6 to 6	5.28	0.76	1.26	0.00	0.00	45.08	51.24	5.28	2.71	2.53	####	####	7.92	8.44
6 to 7	13.13	0.76	1.50	0.00	0.00	42.74	48.08	13.13	6.73	7.49	####	####	18.66	19.69
6 to 8	24.07	0.74	1.53	0.00	0.00	38.04	41.19	24.07	12.04	13.98	####	####	30.45	30.93
6 to 9	33.40	0.76	1.63	0.00	0.00	35.84	38.32	33.40	17.57	20.72	####	####	39.81	39.93
6 to 10	38.64	0.80	1.70	0.00	0.00	34.89	36.98	38.64	20.89	24.98	####	####	44.84	44.58
6 to 11	62.61	1.74	2.62	0.00	0.00	32.50	34.56	62.61	73.44	62.39	####	####	67.67	67.50

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6043-182

Product	Assays							Distribution						
	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.27	0.58	1.24			8.06	8.54	0.27	0.10	0.14	####	####	0.08	0.08
+150 M	0.53	0.58	1.24			8.06	8.54	0.53	0.19	0.27	####	####	0.15	0.15
+200 M	2.55	0.62	1.42			8.54	8.54	2.55	0.99	1.51	####	####	0.75	0.74
+270 M	2.79	0.70	1.74			12.06	10.17	2.79	1.22	2.02	####	####	1.16	0.97
+400 M	8.32	0.82	1.62			20.18	19.52	8.32	4.27	5.61	####	####	5.80	5.54
-400 M	65.54	1.74	2.54			31.16	31.72	65.54	93.22	90.45	####	####	92.06	92.52
+#1 Conc	4.08	0.80	1.46			43.98	48.79	4.08	2.04	2.48	####	####	6.20	6.79
+#2 C	8.22	0.70	1.54			38.12	41.48	8.22	3.60	5.27	####	####	10.82	11.63
+#3 C	14.81	0.68	1.48			31.60	32.53	14.81	6.31	[illegible]	####	####	16.16	16.43
+#4 C	13.71	0.86	1.86			30.56	29.68	13.71	7.38	10.62	####	####	14.47	13.87
+#5 C	8.32	0.82	2.02			28.86	27.65	8.32	4.27	7.00	####	####	8.29	7.84
-#5 C	36.40	3.05	3.69	0.00	0.00	28.72	28.97	36.40	69.61	55.96	####	####	36.11	35.96
Head (Asy)		1.64	2.52			28.70	29.68							
Head (Calc)	100.00	1.60	2.40	0.00	0.00	28.95	29.33	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product	Assays							Distribution						
	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.27	0.58	1.24	0.00	0.00	8.06	8.54	0.27	0.10	0.14	####	####	0.08	0.08
1 to 2	0.80	0.58	1.24	0.00	0.00	8.06	8.54	0.80	0.29	0.41	####	####	0.22	0.23
1 to 3	3.35	0.61	1.38	0.00	0.00	8.43	8.54	3.35	1.28	1.92	####	####	0.97	0.98
1 to 4	6.14	0.65	1.54	0.00	0.00	10.08	9.28	6.14	2.50	3.94	####	####	2.14	1.94
1 to 5	14.46	0.75	1.59	0.00	0.00	15.89	15.17	14.46	6.78	9.55	####	####	7.94	7.48
6 to 6	4.08	0.80	1.46	0.00	0.00	43.98	48.79	4.08	2.04	2.48	####	####	6.20	6.79
6 to 7	12.30	0.73	1.51	0.00	0.00	40.06	43.90	12.30	5.65	7.75	####	####	17.02	18.41
6 to 8	27.11	0.70	1.50	0.00	0.00	35.44	37.69	27.11	11.96	16.87	####	####	33.19	34.84
6 to 9	40.82	0.76	1.62	0.00	0.00	33.80	35.00	40.82	19.34	27.49	####	####	47.66	48.72
6 to 10	49.14	0.77	1.59	0.00	0.00	32.96	33.76	49.14	23.61	34.49	####	####	55.95	56.56
6 to 11	65.54	1.74	2.54	0.00	0.00	31.16	31.72	65.54	93.22	90.45	####	####	92.06	92.52

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6043-183				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.79	0.54	1.42			7.42	7.32	6.79	3.41	3.90	####	####	1.55	1.41
+150 M	8.15	0.90	2.70			12.04	9.76	8.15	6.82	8.91	####	####	3.01	2.25
+200 M	13.32	1.24	4.10			22.70	23.58	13.32	15.36	22.10	####	####	9.29	8.90
+270 M	14.42	1.30	3.48			33.28	37.82	14.42	17.43	20.31	####	####	14.74	15.46
+400 M	29.45	1.04	2.28			40.26	43.91	29.45	28.48	27.18	####	####	36.42	36.65
-400 M	27.87	1.10	1.56			40.86	44.73	27.87	28.51	17.60	####	####	34.98	35.33
+#1 Conc	8.68	0.80	1.20			46.64	50.82	8.68	6.46	4.22	####	####	12.44	12.50
+#2 C	9.08	0.78	1.50			44.18	48.79	9.08	6.59	5.51	####	####	12.32	12.56
+#3 C	5.20	0.78	1.36			37.16	38.22	5.20	3.77	2.86	####	####	5.94	5.63
+#4 C	1.99	0.96	1.92			32.76	31.20	1.99	1.81	1.55	####	####	2.00	1.76
+#5 C	0.59	1.06	2.14			30.02	29.00	0.59	0.58	0.51	####	####	0.54	0.48
-#5 C	2.33	4.29	3.13	0.00	0.00	24.31	36.29	2.33	9.30	2.95	####	####	1.74	2.40
Head (Asy)		1.12	2.46			33.36	34.40							
Head (Calc)	100.00	1.08	2.47	0.00	0.00	32.55	35.28	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.79	0.54	1.42	0.00	0.00	7.42	7.32	6.79	3.41	3.90	####	####	1.55	1.41
1 to 2	14.94	0.74	2.12	0.00	0.00	9.94	8.65	14.94	10.23	12.81	####	####	4.56	3.66
1 to 3	28.26	0.97	3.05	0.00	0.00	15.95	15.69	28.26	25.59	34.91	####	####	13.85	12.56
1 to 4	42.68	1.08	3.20	0.00	0.00	21.81	23.17	42.68	43.02	55.22	####	####	28.59	28.02
1 to 5	72.13	1.07	2.82	0.00	0.00	29.34	31.64	72.13	71.49	82.40	####	####	65.02	64.67
6 to 6	8.68	0.80	1.20	0.00	0.00	46.64	50.82	8.68	6.46	4.22	####	####	12.44	12.50
6 to 7	17.76	0.79	1.35	0.00	0.00	45.38	49.78	17.76	13.04	9.73	####	####	24.76	25.06
6 to 8	22.96	0.79	1.35	0.00	0.00	43.52	47.16	22.96	16.81	12.59	####	####	30.70	30.69
6 to 9	24.95	0.80	1.40	0.00	0.00	42.66	45.89	24.95	18.63	14.14	####	####	32.70	32.45
6 to 10	25.54	0.81	1.42	0.00	0.00	42.37	45.50	25.54	19.21	14.65	####	####	33.24	32.93
6 to 11	27.87	1.10	1.56	0.00	0.00	40.86	44.73	27.87	28.51	17.60	####	####	34.98	35.33

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6043-184				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.49	0.56	1.70			8.10	7.57	4.49	1.93	3.50	####	####	1.19	1.09
+150 M	3.65	0.92	2.76			13.12	10.94	3.65	2.57	4.62	####	####	1.57	1.28
+200 M	7.15	1.16	3.48			21.96	21.45	7.15	6.35	11.40	####	####	5.14	4.92
+270 M	6.97	1.14	2.62			29.00	31.12	6.97	6.09	8.37	####	####	6.61	6.96
+400 M	14.58	0.94	1.78			34.18	35.74	14.58	10.50	11.90	####	####	16.31	16.72
-400 M	63.16	1.50	2.08			33.48	34.06	63.16	72.57	60.21	####	####	69.19	69.03
+#1 Conc	6.14	0.74	1.20			45.36	50.46	6.14	3.48	3.38	####	####	9.11	9.94
+#2 C	8.16	0.68	1.54			39.42	46.25	8.16	4.25	5.76	####	####	10.52	12.11
+#3 C	10.97	0.62	1.30			33.36	31.96	10.97	5.21	6.54	####	####	11.97	11.25
+#4 C	9.10	0.70	1.46			31.60	28.60	9.10	4.88	6.09	####	####	9.41	8.35
+#5 C	5.34	0.74	1.82			30.44	26.49	5.34	3.03	4.45	####	####	5.32	4.54
-#5 C	23.45	2.89	3.16	0.00	0.00	29.78	30.35	23.45	51.72	34.00	####	####	22.85	22.84
Head (Assy)		1.24	2.40			30.28	31.12							
Head (Calc)	100.00	1.31	2.18	0.00	0.00	30.56	31.17	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.49	0.56	1.70	0.00	0.00	8.10	7.57	4.49	1.93	3.50	####	####	1.19	1.09
1 to 2	8.14	0.72	2.18	0.00	0.00	10.35	9.08	8.14	4.50	8.12	####	####	2.76	2.37
1 to 3	15.29	0.93	2.79	0.00	0.00	15.78	14.87	15.29	10.85	19.52	####	####	7.89	7.29
1 to 4	22.26	0.99	2.73	0.00	0.00	19.92	19.95	22.26	16.94	27.89	####	####	14.51	14.25
1 to 5	36.84	0.97	2.36	0.00	0.00	25.56	26.20	36.84	27.43	39.79	####	####	30.81	30.97
6 to 6	6.14	0.74	1.20	0.00	0.00	45.36	50.46	6.14	3.48	3.38	####	####	9.11	9.94
6 to 7	14.30	0.71	1.39	0.00	0.00	41.97	48.06	14.30	7.73	9.14	####	####	19.64	22.05
6 to 8	25.27	0.67	1.35	0.00	0.00	38.23	41.07	25.27	12.94	15.67	####	####	31.61	33.30
6 to 9	34.37	0.68	1.38	0.00	0.00	36.48	37.77	34.37	17.82	21.76	####	####	41.02	41.65
6 to 10	39.71	0.69	1.44	0.00	0.00	35.66	36.25	39.71	20.85	26.22	####	####	46.34	46.19
6 to 11	63.16	1.50	2.08	0.00	0.00	33.48	34.06	63.16	72.57	60.21	####	####	69.19	69.03

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.20	0.52	1.26			8.62	8.41	0.20	0.07	0.13	####	####	0.06	0.0
+150 M	0.73	0.52	1.26			8.62	8.41	0.73	0.27	0.48	####	####	0.21	0.2
+200 M	2.03	0.56	1.10			8.96	8.41	2.03	0.81	1.15	####	####	0.61	0.6
+270 M	2.91	0.58	1.32			12.02	10.10	2.91	1.21	1.98	####	####	1.18	1.0
+400 M	7.69	0.64	1.30			20.00	17.45	7.69	3.53	5.16	####	####	5.17	4.7
-400 M	86.44	1.52	2.04			31.90	30.69	86.44	94.11	91.09	####	####	92.77	93.3
+#1 Conc	3.42	0.76	1.34			45.50	50.88	3.42	1.86	2.37	####	####	5.24	6.1
+#2 C	7.89	0.68	1.42			39.28	44.57	7.89	3.84	5.79	####	####	10.43	12.3
+#3 C	15.19	0.56	1.26			31.94	33.22	15.19	6.09	9.89	####	####	16.32	17.7
+#4 C	13.86	0.62	1.30			31.32	30.70	13.86	6.15	9.31	####	####	14.60	14.9
+#5 C	8.62	0.64	1.66			29.92	29.01	8.62	3.95	7.39	####	####	8.68	8.
-#5 C	37.46	2.69	2.91	0.00	0.00	29.76	25.28	37.46	72.20	56.35	####	####	37.50	33.3
Head (Asy)		1.36	2.02			29.78	30.28							
Head (Calc)	100.00	1.40	1.94	0.00	0.00	29.72	28.41	100.00	100.00	100.00	####	####	100.00	100.0

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.20	0.52	1.26	0.00	0.00	8.62	8.41	0.20	0.07	0.13	####	####	0.06	0.0
1 to 2	0.93	0.52	1.26	0.00	0.00	8.62	8.41	0.93	0.35	0.61	####	####	0.27	0.
1 to 3	2.96	0.55	1.15	0.00	0.00	8.85	8.41	2.96	1.16	1.76	####	####	0.88	0.
1 to 4	5.87	0.56	1.23	0.00	0.00	10.42	9.25	5.87	2.37	3.74	####	####	2.06	1.
1 to 5	13.56	0.61	1.27	0.00	0.00	15.85	13.90	13.56	5.69	8.91	####	####	7.23	6.
6 to 6	3.42	0.76	1.34	0.00	0.00	45.50	50.88	3.42	1.86	2.37	####	####	5.24	6.
6 to 7	11.31	0.70	1.40	0.00	0.00	41.16	46.48	11.31	5.70	8.16	####	####	15.66	18.
6 to 8	26.50	0.62	1.32	0.00	0.00	35.88	38.88	26.50	11.80	18.04	####	####	31.98	36.
6 to 9	40.36	0.62	1.31	0.00	0.00	34.31	36.07	40.36	17.95	27.35	####	####	46.59	51.
6 to 10	48.98	0.62	1.37	0.00	0.00	33.54	34.83	48.98	21.90	34.74	####	####	55.26	60.
6 to 11	86.44	1.52	2.04	0.00	0.00	31.90	30.69	86.44	94.11	91.09	####	####	92.77	93.

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		Assays							Distribution						
Product		Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100	M	6.66	0.50	1.78			10.04	5.84	6.66	3.10	4.16	####	####	1.88	1.17
+150	M	6.52	0.84	2.98			14.44	8.18	6.52	5.09	6.81	####	####	2.64	1.60
+200	M	12.99	1.20	4.06			23.48	19.86	12.99	14.50	18.50	####	####	8.56	7.74
+270	M	12.90	1.30	3.82			34.58	33.11	12.90	15.60	17.28	####	####	12.51	12.81
+400	M	27.45	1.10	2.92			42.74	40.90	27.45	28.08	28.11	####	####	32.91	33.67
-400	M	33.48	1.08	2.14			44.20	42.84	33.48	33.63	25.13	####	####	41.51	43.02
+#1	Conc	12.32	0.76	1.96			47.50	48.30	12.32	8.71	8.47	####	####	16.41	17.85
-#2	C	10.58	0.72	1.88			45.42	44.40	10.58	7.08	6.98	####	####	13.48	14.09
+#3	C	5.68	0.74	2.12			39.42	37.00	5.68	3.91	4.22	####	####	6.28	6.3
+#4	C	2.06	1.02	2.62			36.08	30.65	2.06	1.95	1.94	####	####	2.08	1.9
-#5	C	0.64	1.08	3.24			30.20	26.73	0.64	0.64	0.73	####	####	0.54	0.5
-#5	C	2.20	5.54	3.62	0.00	0.00	43.87	35.94	2.20	11.33	2.80	####	####	2.71	2.3
Head	(Assy)		1.12	3.10			35.14	33.85							
Head	(Calc)	100.00	1.08	2.35	0.00	0.00	35.65	33.34	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.66	0.50	1.78	0.00	0.00	10.04	5.84	6.66	3.10	4.16	####	####	1.88	1.1
1 to 2	13.18	0.67	2.37	0.00	0.00	12.22	7.00	13.18	8.19	10.97	####	####	4.52	2.7
1 to 3	26.17	0.93	3.21	0.00	0.00	17.81	13.38	26.17	22.69	29.47	####	####	13.07	10.5
1 to 4	39.07	1.05	3.41	0.00	0.00	23.35	19.90	39.07	38.29	46.76	####	####	25.58	23.3
1 to 5	66.52	1.07	3.21	0.00	0.00	31.35	28.56	66.52	66.37	74.87	####	####	58.49	56.9
6 to 6	12.32	0.76	1.96	0.00	0.00	47.50	48.30	12.32	8.71	8.47	####	####	16.41	17.8
6 to 7	22.90	0.74	1.92	0.00	0.00	46.54	46.50	22.90	15.79	15.45	####	####	29.89	31.9
6 to 8	28.58	0.74	1.96	0.00	0.00	45.12	44.61	28.58	19.70	19.67	####	####	36.17	38.2
6 to 9	30.64	0.76	2.01	0.00	0.00	44.52	43.67	30.64	21.66	21.61	####	####	38.26	40.1
6 to 10	31.28	0.77	2.04	0.00	0.00	44.22	43.33	31.28	22.30	22.33	####	####	38.80	40.6
6 to 11	33.48	1.08	2.14	0.00	0.00	44.20	42.84	33.48	33.63	25.13	####	####	41.51	43.0

B.M.+S.—Metallurgical Laboratory Report

6043-187			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.68	1.12	2.20			12.18	6.78	3.68	2.84	2.83	####	####	1.49	0.84
+150 M	4.22	0.92	3.12			17.40	12.12	4.22	2.67	4.60	####	####	2.44	1.72
+200 M	6.52	1.18	3.30			24.30	21.74	6.52	5.29	7.52	####	####	5.26	4.77
+270 M	7.11	1.14	3.00			31.88	28.51	7.11	5.58	7.46	####	####	7.52	6.82
+400 M	15.19	0.92	2.44			35.20	32.97	15.19	9.61	12.96	####	####	17.74	16.84
-400 M	63.28	1.70	2.92			31.22	32.43	63.28	74.01	64.62	####	####	65.56	69.01
+#1 Conc	6.04	0.72	1.78			43.60	45.62	6.04	2.99	3.76	####	####	8.78	9.27
+#2 C	8.01	0.68	2.02			42.90	43.47	8.01	3.75	5.66	####	####	11.40	11.71
+#3 C	11.00	0.70	1.46			35.52	32.07	11.00	5.30	5.62	####	####	12.97	11.86
+#4 C	9.34	0.78	2.32			33.60	29.22	9.34	5.01	7.58	####	####	10.41	9.18
+#5 C	5.25	0.92	2.14			32.86	27.08	5.25	3.32	3.93	####	####	5.72	4.78
-#5 C	23.64	3.30	4.61	0.00	0.00	20.74	27.94	23.64	53.64	39.08	####	####	16.27	22.22
Head (Asy)		1.42	2.94			28.08	29.94							
Head (Calc)	100.00	1.45	2.86	0.00	0.00	30.14	29.74	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.68	1.12	2.20	0.00	0.00	12.18	6.78	3.68	2.84	2.83	####	####	1.49	0.84
1 to 2	7.90	1.01	2.69	0.00	0.00	14.97	9.63	7.90	5.51	7.44	####	####	3.92	2.5
1 to 3	14.42	1.09	2.97	0.00	0.00	19.19	15.11	14.42	10.80	14.96	####	####	9.18	7.3
1 to 4	21.53	1.11	2.98	0.00	0.00	23.38	19.53	21.53	16.38	22.42	####	####	16.70	14.14
1 to 5	36.72	1.03	2.76	0.00	0.00	28.27	25.09	36.72	25.99	35.38	####	####	34.44	30.99
6 to 6	6.04	0.72	1.78	0.00	0.00	43.60	45.62	6.04	2.99	3.76	####	####	8.78	9.2
6 to 7	14.05	0.70	1.92	0.00	0.00	43.29	44.39	14.05	6.74	9.42	####	####	20.18	20.9
6 to 8	25.05	0.70	1.72	0.00	0.00	39.88	38.98	25.05	12.04	15.03	####	####	33.15	32.8
6 to 9	34.39	0.72	1.89	0.00	0.00	39.17	36.33	34.39	17.05	22.61	####	####	43.56	42.0
6 to 10	39.64	0.75	1.91	0.00	0.00	37.47	35.11	39.64	20.37	26.54	####	####	49.28	46.8
6 to 11	63.28	1.70	2.92	0.00	0.00	31.22	32.43	63.28	74.01	64.62	####	####	65.56	69.0

B.M.+S.--Metallurgical Laboratory Report

6043-188				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.16	0.74	2.08			14.46	7.49	0.16	0.06	0.10	####	####	0.07	0.0
+150 M	0.23	0.74	2.08			14.46	7.49	0.23	0.09	0.15	####	####	0.10	0.0
+200 M	1.51	0.74	2.08			14.46	7.49	1.51	0.60	0.97	####	####	0.67	0.4
+270 M	1.93	0.70	1.90			17.50	8.20	1.93	0.72	1.14	####	####	1.04	0.6
+400 M	6.23	0.70	2.04			33.28	11.68	6.23	2.33	3.94	####	####	6.40	2.7
-400 M	89.94	2.00	3.36			33.04	27.95	89.94	96.19	93.70	####	####	91.71	96.0
+#1 Conc	2.64	0.84	2.28			38.10	45.26	2.64	1.19	1.87	####	####	3.10	4.5
+#2 C	6.64	0.74	2.14			34.97	36.35	6.64	2.63	4.41	####	####	7.17	9.2
+#3 C	15.19	0.66	2.12			33.20	26.01	15.19	5.52	9.98	####	####	15.56	15.1
+#4 C	15.10	0.84	2.22			27.44	27.44	15.10	6.78	10.39	####	####	12.79	15.8
+#5 C	9.24	0.88	2.54			31.92	25.66	9.24	4.35	7.28	####	####	9.10	9.0
-#5 C	41.13	3.44	4.69	0.00	0.00	34.65	26.90	41.13	75.73	59.77	####	####	43.99	42.2
Head (Asy)		1.90	3.26			31.92	26.73							
Head (Calc)	100.00	1.27	3.23	0.00	0.00	32.40	26.17	100.00	100.00	100.00	####	####	100.00	100.0

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.16	0.74	2.08	0.00	0.00	14.46	7.49	0.16	0.06	0.10	####	####	0.07	0.0
1 to 2	0.39	0.74	2.08	0.00	0.00	14.46	7.49	0.39	0.15	0.25	####	####	0.17	0.1
1 to 3	1.90	0.74	2.08	0.00	0.00	14.46	7.49	1.90	0.75	1.23	####	####	0.85	0.5
1 to 4	3.83	0.72	1.99	0.00	0.00	15.99	7.85	3.83	1.47	2.36	####	####	1.89	1.
1 to 5	10.06	0.71	2.02	0.00	0.00	26.70	10.22	10.06	3.81	6.30	####	####	8.29	3.9
6 to 6	2.64	0.84	2.28	0.00	0.00	38.10	45.26	2.64	1.19	1.87	####	####	3.10	4.5
6 to 7	9.28	0.77	2.18	0.00	0.00	35.86	38.88	9.28	3.81	6.27	####	####	10.27	13.7
6 to 8	24.47	0.71	2.14	0.00	0.00	34.21	30.89	24.47	9.34	16.26	####	####	25.83	28.8
6 to 9	39.57	0.76	2.17	0.00	0.00	31.63	29.58	39.57	16.12	26.65	####	####	38.62	44.7
6 to 10	48.81	0.78	2.24	0.00	0.00	31.68	28.83	48.81	20.47	33.93	####	####	47.72	53.7
6 to 11	89.94	2.00	3.36	0.00	0.00	33.04	27.95	39.94	96.19	93.70	####	####	91.71	96.0

B.H.+S.—Metallurgical Laboratory Report

6043-189				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	5.61	0.46	1.14			7.38	3.81	5.61	2.82	3.26	####	####	1.25	0.6
+150 M	7.28	0.74	2.04			11.88	9.18	7.28	5.89	7.58	####	####	2.62	2.0
+200 M	12.40	0.96	2.84			20.96	18.19	12.40	13.01	17.97	####	####	7.86	6.9
+270 M	13.16	1.04	2.56			30.98	30.83	13.16	14.96	17.19	####	####	12.34	12.49
+400 M	28.26	0.92	2.00			39.66	40.53	28.26	28.41	28.85	####	####	33.91	35.2
-400 M	33.29	0.96	1.48			41.72	41.57	33.29	34.92	25.14	####	####	42.02	42.6
+#1 Conc	10.02	0.68	1.06			46.22	47.63	10.02	7.45	5.42	####	####	14.01	14.69
+#2 C	11.71	0.66	1.32			44.14	42.95	11.71	8.45	7.69	####	####	15.64	15.4
+#3 C	6.31	0.66	1.22			38.24	38.45	6.31	4.55	3.93	####	####	7.30	7.4
+#4 C	2.27	0.84	1.80			35.24	30.48	2.27	2.08	2.09	####	####	2.42	2.1
+#5 C	0.65	1.04	1.72			31.80	28.06	0.65	0.74	0.57	####	####	0.63	0.5
-#5 C	2.33	4.58	4.42	0.00	0.00	28.71	31.60	2.33	11.66	5.25	####	####	2.02	2.2
Head (Asy)		0.96	1.26			33.62	32.91							
Head (Calc)	100.00	0.92	1.96	0.00	0.00	33.05	32.49	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	5.61	0.46	1.14	0.00	0.00	7.38	3.81	5.61	2.82	3.26	####	####	1.25	0.6
1 to 2	12.89	0.62	1.65	0.00	0.00	9.92	6.84	12.89	8.71	10.84	####	####	3.87	2.7
1 to 3	25.29	0.79	2.23	0.00	0.00	15.33	12.41	25.29	21.71	28.82	####	####	11.73	9.6
1 to 4	38.45	0.87	2.34	0.00	0.00	20.69	18.71	38.45	36.67	46.01	####	####	24.07	22.1
1 to 5	66.71	0.89	2.20	0.00	0.00	28.73	27.95	66.71	65.08	74.86	####	####	57.98	57.4
6 to 6	10.02	0.68	1.06	0.00	0.00	46.22	47.63	10.02	7.45	5.42	####	####	14.01	14.6
6 to 7	21.73	0.67	1.20	0.00	0.00	45.10	45.11	21.73	15.89	13.31	####	####	29.65	30.1
6 to 8	28.04	0.67	1.20	0.00	0.00	43.56	43.61	28.04	20.44	17.24	####	####	36.95	37.6
6 to 9	30.31	0.68	1.25	0.00	0.00	42.93	42.63	30.31	22.52	19.32	####	####	39.37	39.7
6 to 10	30.96	0.69	1.26	0.00	0.00	42.70	42.32	30.96	23.26	19.89	####	####	40.00	40.3
6 to 11	33.29	0.76	1.48	0.00	0.00	41.72	41.57	33.29	34.92	25.14	####	####	42.02	42.6

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6043-190

Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
	Assays							Distribution						
+100 M	4.19	0.56	1.50			8.74	4.51	4.19	2.03	3.38	####	####	1.17	0.6
+150 M	3.45	0.78	1.94			13.14	9.36	3.45	2.33	3.60	####	####	1.45	1.1
+200 M	6.76	0.94	2.40			20.76	17.67	6.76	5.51	8.73	####	####	4.50	4.2
+270 M	6.61	0.98	2.02			29.14	27.54	6.61	5.62	7.19	####	####	6.17	6.4
+400 M	14.11	0.84	1.60			34.84	31.52	14.11	10.27	12.15	####	####	15.76	15.8
-400 M	64.88	1.32	1.86			34.12	31.00	64.88	74.24	64.95	####	####	70.95	71.6
+#1 Conc	6.87	0.70	1.04			46.00	47.11	6.87	4.17	3.85	####	####	10.13	11.5
+#2 C	8.38	0.60	1.12			38.44	36.03	8.38	4.36	5.05	####	####	10.32	10.7
+#3 C	11.20	0.56	0.66			33.00	31.52	11.20	5.44	5.18	####	####	11.85	12.5
+#4 C	9.34	1.34	0.58			31.48	26.67	9.34	10.85	2.92	####	####	9.42	8.8
+#5 C	5.33	1.46	0.62			29.80	24.25	5.33	6.75	1.78	####	####	5.09	4.6
-#5 C	23.76	2.07	3.61	0.00	0.00	31.70	27.54	23.76	42.68	46.17	####	####	24.14	23.3
Head (Asy)		1.18	1.90			30.36	29.79							
Head (Calc)	100.00	1.15	1.86	0.00	0.00	31.20	28.09	100.00	100.00	100.00	####	####	100.00	100.0

Absolute Cumulative Report

Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
	Assays							Distribution						
1 to 1	4.19	0.56	1.50	0.00	0.00	8.74	4.51	4.19	2.03	3.38	####	####	1.17	0.6
1 to 2	7.64	0.66	1.70	0.00	0.00	10.73	6.70	7.64	4.37	6.98	####	####	2.63	1.8
1 to 3	14.40	0.79	2.03	0.00	0.00	15.44	11.55	14.40	9.87	15.72	####	####	7.12	6.0
1 to 4	21.01	0.85	2.03	0.00	0.00	19.75	16.79	21.01	15.49	22.90	####	####	13.30	12.5
1 to 5	35.12	0.85	1.85	0.00	0.00	25.81	22.71	35.12	25.76	35.05	####	####	29.05	28.3
6 to 6	6.87	0.70	1.04	0.00	0.00	46.00	47.11	6.87	4.17	3.85	####	####	10.13	11.5
6 to 7	15.25	0.65	1.08	0.00	0.00	41.85	41.02	15.25	8.53	8.90	####	####	20.45	22.2
6 to 8	26.45	0.61	0.99	0.00	0.00	38.10	37.00	26.45	13.96	14.08	####	####	32.30	34.8
6 to 9	35.79	0.80	0.88	0.00	0.00	36.37	34.30	35.79	24.81	17.00	####	####	41.72	43.7
6 to 10	41.12	0.89	0.85	0.00	0.00	35.52	33.00	41.12	31.56	18.77	####	####	46.81	48.3
6 to 11	64.88	1.32	1.86	0.00	0.00	34.12	31.00	64.88	74.24	64.95	####	####	70.95	71.6

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6043-191				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.22	1.06	0.68			15.36	9.70	0.22	0.13	0.11	####	####	0.12	0.08
+150 M	0.43	1.06	0.68			15.36	9.70	0.43	0.26	0.21	####	####	0.23	0.16
+200 M	1.08	1.06	0.68			15.36	9.70	1.08	0.65	0.53	####	####	0.57	0.40
+270 M	1.86	0.88	0.48			10.40	7.38	1.86	0.92	0.64	####	####	0.67	0.52
+400 M	5.71	0.88	0.54			13.36	11.07	5.71	2.84	2.21	####	####	2.63	2.39
-400 M	90.70	1.86	1.48			30.58	28.10	90.70	95.21	96.30	####	####	95.78	96.45
+#1 Conc	2.14	0.96	0.64			38.26	39.69	2.14	1.16	0.98	####	####	2.83	3.21
+#2 C	6.72	0.84	0.56			34.66	32.67	6.72	3.19	2.70	####	####	8.04	8.31
+#3 C	15.74	0.80	0.50			30.42	28.45	15.74	7.11	5.65	####	####	16.53	16.95
+#4 C	15.25	0.98	0.54			30.60	27.05	15.25	8.43	5.91	####	####	16.11	15.61
+#5 C	9.00	1.16	0.58			30.12	24.59	9.00	5.89	3.74	####	####	9.36	8.38
-#5 C	41.85	2.94	2.58	0.00	0.00	29.68	27.78	41.85	69.43	77.32	####	####	42.90	44.00
Head (Asy)		1.84	1.40			29.42	26.35							
Head (Calc)	100.00	1.77	1.39	0.00	0.00	28.96	26.42	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.22	1.06	0.68	0.00	0.00	15.36	9.70	0.22	0.13	0.11	####	####	0.12	0.08
1 to 2	0.65	1.06	0.68	0.00	0.00	15.36	9.70	0.65	0.39	0.32	####	####	0.34	0.24
1 to 3	1.73	1.06	0.68	0.00	0.00	15.36	9.70	1.73	1.03	0.84	####	####	0.92	0.64
1 to 4	3.59	0.97	0.58	0.00	0.00	12.79	8.50	3.59	1.96	1.48	####	####	1.59	1.15
1 to 5	9.30	0.91	0.55	0.00	0.00	13.14	10.08	9.30	4.79	3.70	####	####	4.22	3.55
6 to 6	2.14	0.96	0.64	0.00	0.00	38.26	39.69	2.14	1.16	0.98	####	####	2.83	3.21
6 to 7	8.86	0.87	0.58	0.00	0.00	35.53	34.37	8.86	4.34	3.68	####	####	10.87	11.52
6 to 8	24.60	0.82	0.53	0.00	0.00	32.26	30.58	24.60	11.45	9.33	####	####	27.41	28.47
6 to 9	39.85	0.88	0.53	0.00	0.00	31.62	29.23	39.85	19.89	15.24	####	####	43.52	44.08
6 to 10	48.85	0.94	0.54	0.00	0.00	31.35	28.37	48.85	25.78	18.98	####	####	52.68	52.46
6 to 11	90.70	1.86	1.48	0.00	0.00	30.58	28.10	90.70	95.21	96.30	####	####	95.78	96.45

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	6.43	0.48	1.24			8.12	3.52	6.43	3.44	5.02	####	####	1.62	0.71
+150 M	6.55	0.72	1.90			11.82	8.79	6.55	5.26	7.84	####	####	2.40	1.79
+200 M	12.46	0.92	2.30			19.82	17.57	12.46	12.79	18.06	####	####	7.65	6.82
+270 M	12.58	1.02	2.08			29.28	29.66	12.58	14.31	16.49	####	####	11.41	11.71
+400 M	26.22	0.94	1.60			38.00	38.64	26.22	27.49	26.44	####	####	30.86	31.58
-400 M	35.76	0.92	1.16			41.58	42.51	35.76	36.70	26.14	####	####	46.06	47.39
+#1 Conc	12.73	0.74	1.06			46.00	48.48	12.73	10.51	8.50	####	####	18.14	19.24
+#2 C	12.22	0.64	1.10			42.90	44.61	12.22	8.72	8.47	####	####	16.24	16.99
+#3 C	5.96	0.64	1.00			38.02	36.19	5.96	4.26	3.76	####	####	7.02	6.72
+#4 C	2.05	0.74	1.28			34.26	31.62	2.05	1.89	1.78	####	####	2.18	2.02
+#5 C	0.63	0.80	1.34			31.54	26.35	0.63	0.56	0.53	####	####	0.62	0.52
-#5 C	2.17	4.53	2.26	0.00	0.00	27.83	28.00	2.17	10.96	3.10	####	####	1.87	1.8
Head (Asy)		0.94	1.70			32.86	33.02							
Head (Calc)	100.00	0.90	1.59	0.00	0.00	32.29	32.08	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	6.43	0.48	1.24	0.00	0.00	8.12	3.52	6.43	3.44	5.02	####	####	1.62	0.71
1 to 2	12.98	0.60	1.57	0.00	0.00	9.99	6.18	12.98	8.70	12.87	####	####	4.02	2.5
1 to 3	25.44	0.76	1.93	0.00	0.00	14.80	11.76	25.44	21.49	30.93	####	####	11.67	9.3
1 to 4	38.02	0.84	1.99	0.00	0.00	19.59	17.75	38.02	35.81	47.42	####	####	23.08	21.0
1 to 5	64.24	0.88	1.82	0.00	0.00	27.11	26.28	64.24	63.30	73.86	####	####	53.94	52.61
6 to 6	12.73	0.74	1.06	0.00	0.00	46.00	48.48	12.73	10.51	8.50	####	####	18.14	19.2
6 to 7	24.95	0.69	1.08	0.00	0.00	44.48	46.58	24.95	19.23	16.96	####	####	34.38	36.2
6 to 8	30.91	0.68	1.06	0.00	0.00	43.24	44.58	30.91	23.49	20.73	####	####	41.40	42.9
6 to 9	32.96	0.68	1.08	0.00	0.00	42.68	43.77	32.96	25.18	22.51	####	####	43.57	44.9
6 to 10	33.59	0.69	1.09	0.00	0.00	42.47	43.45	33.59	25.74	23.05	####	####	44.19	45.4
6 to 11	35.76	0.92	1.16	0.00	0.00	41.58	42.51	35.76	36.70	26.14	####	####	46.06	47.3

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6043-193				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	4.57	0.98	2.80			12.44	10.54	4.57	3.52	6.17	####	####	1.73	1.4
+150 M	3.47	1.06	2.92			16.80	15.81	3.47	2.89	4.88	####	####	1.78	1.7
+200 M	7.22	1.14	3.42			23.80	24.24	7.22	6.48	11.90	####	####	5.24	5.4
+270 M	6.89	1.10	2.74			31.28	33.38	6.89	5.96	9.10	####	####	6.57	7.1
+400 M	14.61	1.00	2.12			35.04	34.43	14.61	11.49	14.93	####	####	15.61	15.5
-400 M	63.24	1.40	1.74			35.82	35.13	63.24	69.65	53.03	####	####	69.07	68.7
+#1 Conc	8.34	0.82	1.56			45.80	49.90	8.34	5.38	6.27	####	####	11.65	12.8
+#2 C	9.41	0.76	1.58			39.62	43.50	9.41	5.63	7.16	####	####	11.37	12.6
+#3 C	11.36	0.62	0.88			35.00	33.63	11.36	5.54	4.82	####	####	12.12	11.8
+#4 C	9.02	0.66	0.90			33.66	33.27	9.02	4.66	3.91	####	####	9.26	9.2
+#5 C	4.79	0.76	0.92			31.82	29.25	4.79	2.86	2.12	####	####	4.65	4.3
-#5 C	20.32	2.25	2.92	0.00	0.00	22.32	28.24	20.32	45.56	23.74	####	####	20.03	17.7
Head (Assy)		1.26	2.22			32.29	34.73							
Head (Calc)	100.00	1.27	2.08	0.00	0.00	32.80	32.32	100.00	100.00	100.00	####	####	100.00	100.0

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	4.57	0.98	2.80	0.00	0.00	12.44	10.54	4.57	3.52	6.17	####	####	1.73	1.4
1 to 2	8.04	1.01	2.85	0.00	0.00	14.32	12.81	8.04	6.42	11.05	####	####	3.51	3.1
1 to 3	15.26	1.07	3.12	0.00	0.00	18.31	18.22	15.26	12.89	22.95	####	####	8.75	8.6
1 to 4	22.15	1.08	3.00	0.00	0.00	22.69	22.74	22.15	18.85	32.05	####	####	15.32	15.7
1 to 5	36.76	1.05	2.65	0.00	0.00	27.60	27.50	36.76	30.35	46.97	####	####	30.93	31.2
6 to 6	8.34	0.82	1.56	0.00	0.00	45.80	49.90	8.34	5.38	6.27	####	####	11.65	12.8
6 to 7	17.75	0.79	1.57	0.00	0.00	42.52	46.51	17.75	11.01	13.43	####	####	23.01	25.5
6 to 8	29.11	0.72	1.30	0.00	0.00	39.59	41.48	29.11	16.55	18.25	####	####	35.14	37.3
6 to 9	38.13	0.71	1.21	0.00	0.00	38.19	39.54	38.13	21.23	22.16	####	####	44.39	46.6
6 to 10	42.92	0.71	1.17	0.00	0.00	37.48	38.39	42.92	24.09	24.29	####	####	49.04	50.9
6 to 11	63.24	1.40	1.74	0.00	0.00	35.82	35.13	63.24	69.65	53.03	####	####	69.07	68.7

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Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
				Assays							Distribution			
+100 M	0.09	1.22	2.34			22.88	23.03	0.09	0.06	0.10	####	####	0.07	0.07
+150 M	0.50	1.22	2.34			22.88	23.03	0.50	0.34	0.55	####	####	0.38	0.37
+200 M	0.85	1.22	2.34			22.88	23.03	0.85	0.57	0.93	####	####	0.64	0.64
+270 M	0.78	1.22	2.34			22.88	23.03	0.78	0.53	0.85	####	####	0.59	0.58
+400 M	2.54	1.36	2.08			25.56	24.68	2.54	1.49	2.47	####	####	2.13	2.04
-400 M	95.24	1.84	2.14			30.76	31.08	95.24	97.01	95.11	####	####	96.20	96.30
+#1 Conc	1.57	1.02	1.68			37.60	40.58	1.57	0.89	1.23	####	####	1.94	2.07
+#2 C	2.59	0.82	1.78			38.74	43.13	2.59	1.18	2.15	####	####	3.29	3.63
+#3 C	7.15	0.68	1.36			32.64	36.56	7.15	2.61	4.54	####	####	7.66	8.50
+#4 C	13.61	0.72	0.84			31.30	30.34	13.61	5.42	5.33	####	####	13.99	13.43
+#5 C	12.55	0.90	0.98			31.14	28.68	12.55	6.25	5.74	####	####	12.63	11.79
-#5 C	57.77	2.52	2.22	0.00	0.00	29.77	30.26	57.77	80.66	76.12	####	####	56.48	56.86
Head (Asy)		1.84	2.38			30.40	31.81							
Head (Calc)	100.00	1.81	2.14	0.00	0.00	30.45	30.74	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
				Assays							Distribution			
1 to 1	0.09	1.22	2.34	0.00	0.00	22.88	23.03	0.09	0.06	0.10	####	####	0.07	0.07
1 to 2	0.59	1.22	2.34	0.00	0.00	22.88	23.03	0.59	0.40	0.64	####	####	0.44	0.44
1 to 3	1.44	1.22	2.34	0.00	0.00	22.88	23.03	1.44	0.97	1.57	####	####	1.08	1.0
1 to 4	2.22	1.22	2.34	0.00	0.00	22.88	23.03	2.22	1.50	2.42	####	####	1.67	1.6
1 to 5	4.76	1.13	2.20	0.00	0.00	24.31	23.91	4.76	2.99	4.89	####	####	3.80	3.7
6 to 6	1.57	1.02	1.68	0.00	0.00	37.60	40.58	1.57	0.89	1.23	####	####	1.94	2.0
6 to 7	4.16	0.90	1.74	0.00	0.00	38.31	42.17	4.16	2.06	3.38	####	####	5.23	5.7
6 to 8	11.31	0.75	1.50	0.00	0.00	34.73	38.62	11.31	4.67	7.92	####	####	12.90	14.21
6 to 9	24.92	0.73	1.14	0.00	0.00	32.85	34.10	24.92	10.10	13.25	####	####	26.89	27.64
6 to 10	37.47	0.79	1.09	0.00	0.00	32.28	32.35	37.47	16.35	18.99	####	####	39.72	39.4
6 to 11	95.24	1.84	2.14	0.00	0.00	30.76	31.08	95.24	97.01	95.11	####	####	96.20	96.3

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		Assays							Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.73	0.78	2.02			10.58	9.14	3.73	3.05	3.72	####	####	1.21	1.01
+150 M	3.72	0.84	2.44			15.16	12.98	3.72	3.28	4.48	####	####	1.73	1.42
+200 M	8.36	0.96	3.46			22.56	23.58	8.36	8.42	14.29	####	####	5.77	5.82
+270 M	8.58	0.98	3.04			29.60	31.44	8.58	8.82	12.89	####	####	7.77	7.96
+400 M	20.21	0.92	2.36			33.76	35.82	20.21	19.50	23.56	####	####	20.88	21.36
-400 M	55.40	0.98	1.50			36.94	38.20	55.40	56.94	41.05	####	####	62.64	62.44
+#1 Conc	10.23	0.76	1.66			44.66	51.18	10.23	8.15	8.39	####	####	13.98	15.45
+#2 C	12.92	0.70	1.54			40.56	42.77	12.92	9.48	9.83	####	####	16.04	16.30
+#3 C	14.97	0.69	1.20			33.84	33.99	14.97	9.42	8.87	####	####	15.51	15.01
+#4 C	8.09	0.66	0.58			34.46	35.64	8.09	5.60	2.32	####	####	8.53	8.51
+#5 C	2.17	0.80	0.54			32.28	30.00	2.17	1.82	0.58	####	####	2.14	1.92
-#5 C	7.02	3.05	3.19	0.00	0.00	29.94	25.34	7.02	22.46	11.06	####	####	6.43	5.25
Head (Assy)		1.00	1.94			32.30	33.84							
Head (Calc)	100.00	0.95	2.02	0.00	0.00	32.67	33.89	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays							Distribution					
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.73	0.78	2.02	0.00	0.00	10.58	9.14	3.73	3.05	3.72	####	####	1.21	1.01
1 to 2	7.45	0.81	2.23	0.00	0.00	12.87	11.06	7.45	6.33	8.21	####	####	2.93	2.43
1 to 3	15.81	0.89	2.88	0.00	0.00	17.99	17.68	15.81	14.74	22.50	####	####	8.71	8.25
1 to 4	24.39	0.92	2.94	0.00	0.00	22.08	22.52	24.39	23.56	35.38	####	####	16.48	16.20
1 to 5	44.60	0.92	2.68	0.00	0.00	27.37	28.53	44.60	43.06	58.95	####	####	37.36	37.56
6 to 6	10.23	0.76	1.66	0.00	0.00	44.66	51.18	10.23	8.15	8.39	####	####	13.98	15.45
6 to 7	23.15	0.73	1.59	0.00	0.00	42.37	46.49	23.15	17.64	18.22	####	####	30.02	31.75
6 to 8	38.12	0.68	1.44	0.00	0.00	39.02	41.58	38.12	27.06	27.09	####	####	45.53	46.76
6 to 9	46.21	0.67	1.29	0.00	0.00	38.22	40.54	46.21	32.66	29.41	####	####	54.06	55.27
6 to 10	48.38	0.68	1.25	0.00	0.00	37.96	40.07	48.38	34.48	29.99	####	####	56.20	57.19
6 to 11	55.40	0.98	1.50	0.00	0.00	36.94	38.20	55.40	56.94	41.05	####	####	62.64	62.44

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.15	0.84	2.50			10.90	8.02	3.15	2.14	4.16	####	####	1.07	0.77
+150 M	3.55	1.08	2.90			15.92	13.95	3.55	3.09	5.43	####	####	1.76	1.52
+200 M	5.91	1.10	3.20			23.56	23.72	5.91	5.25	9.98	####	####	4.34	4.30
+270 M	6.84	1.04	2.78			29.80	30.70	6.84	5.74	10.03	####	####	6.35	6.44
+400 M	16.70	0.94	2.10			34.48	35.23	16.70	12.67	19.51	####	####	17.95	18.03
-400 M	63.85	1.38	1.54			34.44	35.23	63.85	71.11	51.89	####	####	68.53	68.94
+#1 Conc	7.05	0.76	1.40			44.30	47.44	7.05	4.32	5.21	####	####	9.73	10.25
+#2 C	9.01	0.80	1.68			40.02	43.95	9.01	5.82	7.99	####	####	11.24	12.14
+#3 C	11.71	0.66	1.04			35.36	35.23	11.71	6.24	6.43	####	####	12.90	12.64
+#4 C	9.44	0.64	0.88			33.10	32.09	9.44	4.88	4.38	####	####	9.74	9.28
+#5 C	5.25	0.72	0.86			31.78	28.61	5.25	3.05	2.38	####	####	5.20	4.60
-#5 C	21.39	2.71	2.25	0.00	0.00	29.58	30.54	21.39	46.61	25.50	####	####	19.72	20.02
Head (Asy)		1.28	2.00			32.44	33.49							
Head (Calc)	100.00	1.24	1.89	0.00	0.00	32.09	32.63	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.15	0.84	2.50	0.00	0.00	10.90	8.02	3.15	2.14	4.16	####	####	1.07	0.77
1 to 2	6.70	0.97	2.71	0.00	0.00	13.56	11.16	6.70	5.23	9.59	####	####	2.83	2.29
1 to 3	12.61	1.03	2.94	0.00	0.00	18.25	17.05	12.61	10.48	19.57	####	####	7.17	6.59
1 to 4	19.45	1.03	2.68	0.00	0.00	22.31	21.85	19.45	16.22	29.60	####	####	13.52	13.02
1 to 5	36.15	0.99	2.52	0.00	0.00	27.93	28.03	36.15	28.89	48.11	####	####	31.47	31.06
6 to 6	7.05	0.76	1.40	0.00	0.00	44.30	47.44	7.05	4.32	5.21	####	####	9.73	10.25
6 to 7	16.06	0.78	1.56	0.00	0.00	41.90	45.48	16.06	10.14	13.20	####	####	20.97	22.39
6 to 8	27.77	0.73	1.34	0.00	0.00	39.14	41.16	27.77	16.38	19.62	####	####	33.88	35.03
6 to 9	37.21	0.71	1.22	0.00	0.00	37.61	38.86	37.21	21.26	24.01	####	####	43.61	44.32
6 to 10	42.46	0.71	1.18	0.00	0.00	36.89	37.59	42.46	24.31	26.39	####	####	48.81	48.92
6 to 11	63.85	1.38	1.54	0.00	0.00	34.44	35.23	63.85	71.11	51.89	####	####	68.53	68.94

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6043-197		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.29	1.06	2.12			22.14	21.28	0.29	0.16	0.29	####	####	0.21	0.21
+150 M	0.19	1.06	2.12			22.14	21.28	0.19	0.10	0.19	####	####	0.14	0.1
+200 M	0.65	1.06	2.12			22.14	21.28	0.65	0.36	0.65	####	####	0.47	0.4
+270 M	0.76	1.06	2.12			22.14	21.28	0.76	0.42	0.76	####	####	0.54	0.5
+400 M	2.22	1.14	1.86			26.54	25.47	2.22	1.31	1.95	####	####	1.91	1.9
-400 M	95.89	1.96	2.12			31.20	29.48	95.89	97.64	96.15	####	####	96.74	96.69
+#1 Conc	1.26	0.96	1.44			39.22	40.11	1.26	0.63	0.86	####	####	1.60	1.7
+#2 C	2.13	0.96	1.44			39.22	40.11	2.13	1.06	1.45	####	####	2.70	2.9
+#3 C	6.00	0.72	1.12			33.08	30.87	6.00	2.24	3.18	####	####	6.42	6.34
+#4 C	12.11	0.72	0.88			31.60	29.30	12.11	4.53	5.04	####	####	12.37	12.14
+#5 C	12.32	0.82	0.76			31.04	29.30	12.32	5.25	4.43	####	####	12.37	12.35
-#5 C	62.07	2.60	2.77	0.00	0.00	30.53	28.84	62.07	83.93	81.20	####	####	61.28	61.22
Head (Asy)		1.94	2.15			31.00	28.96							
Head (Calc)	100.00	1.92	2.11	0.00	0.00	30.93	29.24	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.29	1.06	2.12	0.00	0.00	22.14	21.28	0.29	0.16	0.29	####	####	0.21	0.21
1 to 2	0.48	1.06	2.12	0.00	0.00	22.14	21.28	0.48	0.26	0.48	####	####	0.34	0.3
1 to 3	1.13	1.06	2.12	0.00	0.00	22.14	21.28	1.13	0.62	1.13	####	####	0.81	0.8
1 to 4	1.89	1.06	2.12	0.00	0.00	22.14	21.28	1.89	1.04	1.90	####	####	1.35	1.3
1 to 5	4.11	1.10	1.98	0.00	0.00	24.52	23.54	4.11	2.36	3.85	####	####	3.26	3.31
6 to 6	1.26	0.96	1.44	0.00	0.00	39.22	40.11	1.26	0.63	0.86	####	####	1.60	1.7
6 to 7	3.39	0.96	1.44	0.00	0.00	39.22	40.11	3.39	1.69	2.31	####	####	4.30	4.6
6 to 8	9.39	0.81	1.24	0.00	0.00	35.30	34.21	9.39	3.94	5.49	####	####	10.72	10.99
6 to 9	21.50	0.76	1.04	0.00	0.00	33.21	31.44	21.50	8.47	10.53	####	####	23.09	23.12
6 to 10	33.82	0.78	0.93	0.00	0.00	32.42	30.66	33.82	13.71	14.96	####	####	35.46	35.47
6 to 11	95.89	1.96	2.12	0.00	0.00	31.20	29.48	95.89	97.64	96.15	####	####	96.74	96.69

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6043-198				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.41	0.74	1.86			9.62	6.63	3.41	2.52	3.52	####	####	1.01	0.6
+150 M	4.27	0.92	2.54			14.54	12.56	4.27	3.92	6.02	####	####	1.91	1.5
+200 M	7.74	1.04	2.86			22.10	21.98	7.74	8.02	12.29	####	####	5.26	4.9
+270 M	8.80	1.04	2.72			29.56	31.04	8.80	9.12	13.28	####	####	7.99	7.9
+400 M	22.91	0.90	1.78			33.90	35.23	22.91	20.55	22.63	####	####	23.86	23.5
-400 M	52.87	1.06	1.44			36.92	39.72	52.87	55.87	42.26	####	####	59.97	61.2
+#1 Conc	7.95	0.68	1.30			46.44	47.79	7.95	5.39	5.74	####	####	11.34	11.0
+#2 C	11.86	0.70	1.60			42.00	42.56	11.86	8.28	10.53	####	####	15.30	14.7
+#3 C	14.49	0.58	1.06			35.40	36.62	14.49	8.38	8.52	####	####	15.76	15.4
+#4 C	8.61	0.56	0.88			34.56	32.97	8.61	4.81	4.21	####	####	9.14	8.2
+#5 C	2.76	0.64	0.94			32.88	29.30	2.76	1.76	1.44	####	####	2.79	2.3
-#5 C	7.20	3.80	2.96	0.00	0.00	25.47	44.44	7.20	27.26	11.82	####	####	5.63	9.3
Head (Asy)		1.00	1.74			31.86	35.46							
Head (Calc)	100.00	1.00	1.80	0.00	0.00	32.55	34.27	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.41	0.74	1.86	0.00	0.00	9.62	6.63	3.41	2.52	3.52	####	####	1.01	0.6
1 to 2	7.68	0.84	2.24	0.00	0.00	12.36	9.93	7.68	6.43	9.54	####	####	2.92	2.2
1 to 3	15.42	0.94	2.55	0.00	0.00	17.25	15.98	15.42	14.46	21.83	####	####	8.17	7.1
1 to 4	24.22	0.98	2.61	0.00	0.00	21.72	21.45	24.22	23.58	35.11	####	####	16.16	15.1
1 to 5	47.13	0.94	2.21	0.00	0.00	27.64	28.15	47.13	44.13	57.74	####	####	40.03	38.7
6 to 6	7.95	0.68	1.30	0.00	0.00	46.44	47.79	7.95	5.39	5.74	####	####	11.34	11.0
6 to 7	19.81	0.69	1.48	0.00	0.00	43.78	44.66	19.81	13.67	16.27	####	####	26.65	25.8
6 to 8	34.30	0.64	1.30	0.00	0.00	40.24	41.26	34.30	22.04	24.79	####	####	42.41	41.3
6 to 9	42.91	0.63	1.22	0.00	0.00	39.10	39.60	42.91	26.85	29.00	####	####	51.55	49.5
6 to 10	45.67	0.63	1.20	0.00	0.00	38.73	38.98	45.67	28.61	30.44	####	####	54.34	51.9
6 to 11	52.87	1.06	1.44	0.00	0.00	36.92	39.72	52.87	55.87	42.26	####	####	59.97	61.2

B.M.+S.—Metallurgical Laboratory Report

6043-199				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.77	0.78	2.12			10.08	7.49	2.77	1.74	3.01	####	####	0.85	0.60
+150 M	2.51	0.96	2.68			15.32	13.89	2.51	1.94	3.44	####	####	1.16	1.00
+200 M	6.21	1.02	2.92			22.90	23.03	6.21	5.10	9.29	####	####	4.30	4.11
+270 M	6.16	1.00	2.70			30.64	32.35	6.16	4.96	8.52	####	####	5.71	5.72
+400 M	14.26	0.92	2.16			34.96	36.56	14.26	10.57	15.77	####	####	15.09	14.97
-400 M	68.09	1.38	1.72			35.36	37.65	68.09	75.69	59.97	####	####	72.88	73.61
+#1 Conc	8.54	0.84	1.46			45.02	48.26	8.54	5.78	6.38	####	####	11.64	11.83
+#2 C	9.93	0.74	1.70			40.20	44.23	9.93	5.92	8.64	####	####	12.08	12.61
+#3 C	12.23	0.58	1.18			35.02	34.73	12.23	5.71	7.39	####	####	12.96	12.20
+#4 C	9.67	0.56	0.84			34.20	34.00	9.[illegible]	4.36	4.16	####	####	10.01	9.44
+#5 C	5.43	0.62	0.88			32.88	30.71	5.43	2.71	2.45	####	####	5.40	4.79
-#5 C	22.29	2.85	2.71	0.00	0.00	30.80	35.53	22.29	51.20	30.95	####	####	20.78	22.74
Head (Asy)		1.28	1.96			32.64	33.09							
Head (Calc)	100.00	1.24	1.95	0.00	0.00	33.04	34.83	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.77	0.78	2.12	0.00	0.00	10.08	7.49	2.77	1.74	3.01	####	####	0.85	0.60
1 to 2	5.28	0.87	2.39	0.00	0.00	12.57	10.53	5.28	3.68	6.45	####	####	2.01	1.60
1 to 3	11.49	0.95	2.67	0.00	0.00	18.15	17.29	11.49	8.78	15.74	####	####	6.31	5.70
1 to 4	17.65	0.97	2.68	0.00	0.00	22.51	22.54	17.65	13.75	24.25	####	####	12.03	11.42
1 to 5	31.91	0.95	2.45	0.00	0.00	29.07	28.81	31.91	24.31	40.03	####	####	27.12	26.39
6 to 6	8.54	0.84	1.46	0.00	0.00	45.02	48.26	8.54	5.78	6.38	####	####	11.64	11.83
6 to 7	18.47	0.79	1.59	0.00	0.00	42.43	46.09	18.47	11.70	15.03	####	####	23.72	24.44
6 to 8	30.70	0.70	1.43	0.00	0.00	39.46	41.57	30.70	17.41	22.42	####	####	36.69	36.64
6 to 9	40.37	0.67	1.29	0.00	0.00	38.21	39.75	40.37	21.77	26.58	####	####	46.70	46.08
6 to 10	45.80	0.66	1.24	0.00	0.00	37.58	38.68	45.80	24.48	29.03	####	####	52.10	50.87
6 to 11	68.09	1.38	1.72	0.00	0.00	35.36	37.65	68.09	75.69	59.97	####	####	72.88	73.61

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6843-200				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.09	1.24	2.32			23.04	22.12	0.09	0.06	0.10	####	####	0.07	0.07
+150 M	0.22	1.24	2.32			23.04	22.12	0.22	0.15	0.24	####	####	0.17	0.16
+200 M	0.90	1.24	2.32			23.04	22.12	0.90	0.61	0.99	####	####	0.69	0.66
+270 M	0.71	1.24	2.32			23.04	22.12	0.71	0.48	0.78	####	####	0.54	0.52
+400 M	2.00	1.00	1.60			26.98	27.42	2.00	1.09	1.51	####	####	1.79	1.82
-400 M	96.08	1.86	2.12			30.28	30.34	96.08	97.61	96.38	####	####	96.73	96.77
+#1 Conc	0.93	0.82	1.52			41.10	43.86	0.93	0.42	0.67	####	####	1.27	1.35
+#2 C	1.72	0.82	1.52			41.10	43.86	1.72	0.77	1.24	####	####	2.35	2.50
+#3 C	5.04	0.60	1.30			32.26	32.17	5.04	1.65	3.10	####	####	5.41	5.38
+#4 C	10.89	0.60	0.90			30.60	29.61	10.89	3.57	4.12	####	####	11.08	10.70
+#5 C	12.25	0.58	0.82			31.22	27.78	12.25	4.55	4.75	####	####	12.72	11.30
-#5 C	65.25	2.43	2.67	0.00	0.00	29.46	30.25	65.25	86.65	82.50	####	####	63.91	65.53
Head (Asy)		1.36	2.22			30.06	29.43							
Head (Calc)	100.00	1.83	2.11	0.00	0.00	30.07	30.12	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays				Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.09	1.24	2.32	0.00	0.00	23.04	22.12	0.09	0.06	0.10	####	####	0.07	0.07
1 to 2	0.31	1.24	2.32	0.00	0.00	23.04	22.12	0.31	0.21	0.34	####	####	0.24	0.22
1 to 3	1.21	1.24	2.32	0.00	0.00	23.04	22.12	1.21	0.82	1.33	####	####	0.93	0.89
1 to 4	1.92	1.24	2.32	0.00	0.00	23.04	22.12	1.92	1.30	2.11	####	####	1.47	1.41
1 to 5	3.92	1.12	1.95	0.00	0.00	25.05	24.82	3.92	2.39	3.62	####	####	3.27	3.22
6 to 6	0.93	0.82	1.52	0.00	0.00	41.10	43.86	0.93	0.42	0.67	####	####	1.27	1.35
6 to 7	2.65	0.82	1.52	0.00	0.00	41.10	43.86	2.65	1.19	1.91	####	####	3.62	3.86
6 to 8	7.69	0.68	1.38	0.00	0.00	35.31	36.20	7.69	2.84	5.01	####	####	9.03	9.24
6 to 9	18.58	0.63	1.04	0.00	0.00	32.55	32.34	18.58	6.41	9.13	####	####	20.11	19.94
6 to 10	30.83	0.65	0.95	0.00	0.00	32.02	30.53	30.83	10.96	13.88	####	####	32.82	31.24
6 to 11	96.08	1.86	2.12	0.00	0.00	30.28	30.34	96.08	97.61	96.38	####	####	96.73	96.77

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6043-281		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.26	0.76	2.12			9.32	6.95	3.26	2.39	3.90	####	####	0.90	0.67
+150 M	3.45	0.90	2.46			14.32	13.16	3.45	2.99	4.79	####	####	1.47	1.35
+200 M	7.96	1.02	2.88			22.54	22.30	7.96	7.82	12.94	####	####	5.32	5.28
+270 M	8.20	1.02	2.48			30.42	32.17	8.20	8.06	11.48	####	####	7.40	7.85
+400 M	19.38	0.94	1.94			35.30	31.18	19.38	17.55	21.23	####	####	20.29	17.97
-400 M	57.75	1.10	1.40			37.74	38.93	57.75	61.19	45.65	####	####	64.63	66.87
+#1 Conc	10.34	0.78	1.34			46.34	50.08	10.34	7.77	7.82	####	####	14.21	15.40
+#2 C	13.05	0.78	1.48			41.10	40.94	13.05	9.81	10.91	####	####	15.90	15.89
+#3 C	15.13	0.66	1.02			35.08	35.64	15.13	9.62	6.71	####	####	15.74	16.04
+#4 C	9.24	0.74	0.86			34.76	34.00	9.24	6.59	4.49	####	####	9.52	9.34
+#5 C	2.99	0.92	0.78			34.06	31.07	2.99	2.65	1.32	####	####	3.02	2.76
-#5 C	7.00	3.67	3.14	0.00	0.00	30.03	35.69	7.00	24.76	12.40	####	####	6.23	7.43
Head (Assy)		1.08	1.78			33.34	35.56							
Head (Calc)	100.00	1.04	1.77	0.00	0.00	33.72	33.62	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.26	0.76	2.12	0.00	0.00	9.32	6.95	3.26	2.39	3.90	####	####	0.90	0.67
1 to 2	6.71	0.83	2.29	0.00	0.00	11.89	10.14	6.71	5.38	8.69	####	####	2.37	2.02
1 to 3	14.67	0.93	2.61	0.00	0.00	17.67	16.74	14.67	13.20	21.64	####	####	7.69	7.30
1 to 4	22.87	0.96	2.56	0.00	0.00	22.24	22.27	22.87	21.26	33.12	####	####	15.08	15.15
1 to 5	42.25	0.95	2.28	0.00	0.00	28.23	26.36	42.25	38.81	54.35	####	####	35.37	33.13
6 to 6	10.34	0.78	1.34	0.00	0.00	46.34	50.08	10.34	7.77	7.82	####	####	14.21	15.40
6 to 7	23.39	0.78	1.42	0.00	0.00	43.42	44.98	23.39	17.57	18.73	####	####	30.11	31.30
6 to 8	38.52	0.73	1.26	0.00	0.00	40.14	41.31	38.52	27.19	27.44	####	####	45.85	47.34
6 to 9	47.76	0.73	1.18	0.00	0.00	39.10	39.90	47.76	33.78	31.93	####	####	55.38	56.66
6 to 10	50.75	0.75	1.16	0.00	0.00	38.80	39.38	50.75	36.43	33.25	####	####	58.40	59.44
6 to 11	57.75	1.10	1.40	0.00	0.00	37.74	38.93	57.75	61.19	45.65	####	####	64.63	66.87

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#043-202

Product			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.98	0.74	2.02			11.80	8.41	2.98	1.83	3.06	####	####	1.11	0.80
+150 M	3.48	0.96	2.52			16.78	15.37	3.48	2.78	4.46	####	####	1.84	1.70
+200 M	5.97	1.00	2.78			23.76	24.23	5.97	4.96	8.45	####	####	4.47	4.59
+270 M	6.79	0.98	2.38			29.78	31.10	6.79	5.53	8.23	####	####	6.37	6.70
+400 M	16.85	0.98	2.16			34.06	25.43	16.85	13.72	18.53	####	####	18.07	13.60
-400 M	63.93	1.34	1.76			33.86	35.80	63.93	71.18	57.27	####	####	68.15	72.62
+#1 Conc	6.82	0.90	1.50			44.88	49.53	6.82	5.10	5.21	####	####	9.64	10.72
+#2 C	9.10	0.82	1.66			41.98	46.28	9.10	6.20	7.69	####	####	12.03	13.36
+#3 C	11.78	0.62	1.04			34.92	36.16	11.78	6.07	6.24	####	####	12.95	13.52
+#4 C	9.40	0.58	0.96			31.92	33.26	9.40	4.53	4.59	####	####	9.45	9.92
+#5 C	4.95	0.62	0.98			31.70	26.75	4.95	2.55	2.47	####	####	4.94	4.20
-#5 C	21.88	2.57	2.79	0.00	0.00	27.80	30.11	21.88	46.73	31.08	####	####	19.15	20.90
Head (Asy)		1.30	2.22			31.34	33.63							
Head (Calc)	100.00	1.20	1.96	0.00	0.00	31.76	31.52	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

Product			Assays					Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.98	0.74	2.02	0.00	0.00	11.80	8.41	2.98	1.83	3.06	####	####	1.11	0.80
1 to 2	6.46	0.86	2.29	0.00	0.00	14.48	12.16	6.46	4.61	7.53	####	####	2.95	2.49
1 to 3	12.43	0.93	2.53	0.00	0.00	18.94	17.96	12.43	9.57	15.98	####	####	7.41	7.08
1 to 4	19.22	0.95	2.47	0.00	0.00	22.77	22.60	19.22	15.10	24.20	####	####	13.78	13.78
1 to 5	36.07	0.96	2.23	0.00	0.00	28.04	23.92	36.07	28.82	42.73	####	####	31.85	27.38
6 to 6	6.82	0.90	1.50	0.00	0.00	44.88	49.53	6.82	5.10	5.21	####	####	9.64	10.72
6 to 7	15.92	0.85	1.59	0.00	0.00	43.22	47.67	15.92	11.30	12.90	####	####	21.66	24.08
6 to 8	27.70	0.75	1.36	0.00	0.00	39.69	42.78	27.70	17.37	19.13	####	####	34.62	37.60
6 to 9	37.10	0.71	1.26	0.00	0.00	37.72	40.37	37.10	21.90	23.73	####	####	44.06	47.52
6 to 10	42.05	0.70	1.22	0.00	0.00	37.01	38.76	42.05	24.45	26.19	####	####	49.00	51.72
6 to 11	63.93	1.34	1.76	0.00	0.00	33.86	35.80	63.93	71.18	57.27	####	####	68.15	72.62

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6843-203

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.09	1.28	2.26			22.82	22.06	0.09	0.06	0.08	####	####	0.07	0.0
+150 M	0.16	1.28	2.26			22.82	22.06	0.16	0.10	0.14	####	####	0.12	0.1
+200 M	0.73	1.28	2.26			22.82	22.06	0.73	0.45	0.63	####	####	0.54	0.5
+270 M	0.81	1.29	2.26			22.82	22.06	0.81	0.50	0.69	####	####	0.60	0.6
+400 M	2.21	1.32	1.96			26.94	27.84	2.21	1.40	1.64	####	####	1.95	2.1
-400 M	96.00	2.12	2.66			30.84	29.29	96.00	97.50	96.82	####	####	96.72	96.5
+#1 Conc	1.03	0.92	1.56			41.48	43.39	1.03	0.45	0.61	####	####	1.40	1.5
+#2 C	1.83	0.92	1.56			41.48	43.39	1.83	0.81	1.08	####	####	2.48	2.7
+#3 C	4.66	0.70	1.06			31.80	34.71	4.66	1.56	1.87	####	####	4.84	5.5
+#4 C	9.45	0.64	0.92			31.38	28.93	9.45	2.90	3.30	####	####	9.69	9.3
+#5 C	10.44	0.64	0.78			30.02	25.31	10.44	3.20	3.88	####	####	10.24	9.0
-#5 C	68.59	2.70	3.31	0.00	0.00	30.38	28.99	68.59	88.58	86.08	####	####	68.08	68.26
Head (Asy)		1.98	2.58			29.20	28.93							
Head (Calc)	100.00	2.09	2.64	0.00	0.00	30.61	29.13	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.09	1.28	2.26	0.00	0.00	22.82	22.06	0.09	0.06	0.08	####	####	0.07	0.0
1 to 2	0.25	1.28	2.26	0.00	0.00	22.82	22.06	0.25	0.15	0.21	####	####	0.19	0.1
1 to 3	0.98	1.28	2.26	0.00	0.00	22.82	22.06	0.98	0.60	0.84	####	####	0.73	0.7
1 to 4	1.79	1.29	2.26	0.00	0.00	22.82	22.06	1.79	1.10	1.53	####	####	1.33	1.3
1 to 5	4.00	1.30	2.09	0.00	0.00	25.10	25.25	4.00	2.50	3.18	####	####	3.28	3.4
6 to 6	1.03	0.92	1.56	0.00	0.00	41.48	43.39	1.03	0.45	0.61	####	####	1.40	1.5
6 to 7	2.86	0.92	1.56	0.00	0.00	41.48	43.39	2.86	1.26	1.69	####	####	3.88	4.2
6 to 8	7.52	0.78	1.25	0.00	0.00	35.48	38.01	7.52	2.82	3.56	####	####	8.72	9.8
6 to 9	16.97	0.70	1.07	0.00	0.00	33.20	32.95	16.97	5.72	6.86	####	####	18.40	19.2
6 to 10	27.41	0.68	1.03	0.00	0.00	31.99	30.04	27.41	8.92	10.74	####	####	28.64	28.2
6 to 11	96.00	2.12	2.66	0.00	0.00	30.84	29.29	96.00	97.50	96.82	####	####	96.72	96.5

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6043-204				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.53	0.74	2.08			9.18	7.24	3.53	2.68	4.02	####	####	1.02	0.7
+150 M	4.36	0.98	2.20			23.80	24.95	4.36	4.39	5.26	####	####	3.25	3.1
+200 M	8.08	1.02	3.04			21.78	23.17	8.08	8.47	13.46	####	####	5.51	5.4
+270 M	8.80	0.98	2.74			28.78	32.07	8.80	8.86	13.22	####	####	7.93	8.2
+400 M	22.46	0.88	2.10			32.80	34.92	22.46	20.30	25.85	####	####	23.08	23.0
-400 M	52.77	1.02	1.32			35.82	38.31	52.77	55.30	38.18	####	####	59.21	59.2
+#1 Conc	8.08	0.70	1.52			44.70	49.53	8.08	5.81	6.73	####	####	11.31	11.74
+#2 -C	11.70	0.72	1.50			41.74	45.61	11.70	8.65	9.62	####	####	15.30	15.6
+#3 C	14.12	0.60	1.24			33.94	35.28	14.12	8.70	9.60	####	####	15.01	14.61
+#4 C	9.05	0.62	1.06			32.12	32.78	9.05	5.76	5.26	####	####	9.11	8.7
+#5 C	3.34	0.76	1.22			31.86	29.58	3.34	2.61	2.23	####	####	3.33	2.9
-#5 C	6.48	3.57	1.33	0.00	0.00	25.36	29.96	6.48	23.76	4.74	####	####	5.15	5.6
Head (Asy)		0.98	1.98			30.18	33.14							
Head (Calc)	100.00	0.97	1.82	0.00	0.00	31.92	34.10	100.00	100.00	100.00	####	####	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.53	0.74	2.08	0.00	0.00	9.18	7.24	3.53	2.68	4.02	####	####	1.02	0.7
1 to 2	7.89	0.87	2.15	0.00	0.00	17.26	17.03	7.89	7.07	9.28	####	####	4.27	3.9
1 to 3	15.97	0.95	2.60	0.00	0.00	19.55	20.13	15.97	15.54	22.75	####	####	9.78	9.4
1 to 4	24.77	0.96	2.45	0.00	0.00	22.83	24.38	24.77	24.40	35.96	####	####	17.71	17.7
1 to 5	47.23	0.92	2.39	0.00	0.00	27.57	29.39	47.23	44.70	61.82	####	####	40.79	40.7
6 to 6	8.08	0.70	1.52	0.00	0.00	44.70	49.53	8.08	5.81	6.73	####	####	11.31	11.7
6 to 7	19.78	0.71	1.51	0.00	0.00	42.95	47.21	19.78	14.46	16.35	####	####	26.61	27.3
6 to 8	33.90	0.67	1.40	0.00	0.00	39.20	42.24	33.90	23.17	25.95	####	####	41.62	42.0
6 to 9	42.95	0.66	1.33	0.00	0.00	37.71	40.25	42.95	28.93	31.21	####	####	50.73	50.7
6 to 10	46.29	0.66	1.32	0.00	0.00	37.28	39.48	46.29	31.54	33.44	####	####	54.06	53.6
6 to 11	52.77	1.02	1.32	0.00	0.00	35.82	38.31	52.77	55.30	38.18	####	####	59.21	59.2

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				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.10	0.88	2.58			14.24	8.50	3.10	2.19	3.88	####	####	1.27	0.
+150 M	3.57	1.04	3.16			18.96	15.04	3.57	2.97	5.48	####	####	1.95	1.
+200 M	6.13	1.14	3.22			25.12	23.35	6.13	5.60	9.59	####	####	4.43	4.
+270 M	7.23	1.10	2.80			32.26	31.85	7.23	6.37	9.83	####	####	6.71	7.
+400 M	16.51	0.96	2.04			36.46	35.38	16.51	12.70	16.36	####	####	17.32	17.9
-400 M	63.46	1.38	1.78			37.42	35.03	63.46	70.17	54.86	####	####	68.32	68.1
+#1 Conc	6.32	0.74	1.40			46.30	48.47	6.32	3.75	4.30	####	####	8.42	9.
+#2 C	9.08	0.72	1.64			43.20	43.34	9.08	5.24	7.23	####	####	11.29	12.0
+#3 C	11.96	0.64	1.08			36.46	36.44	11.96	6.13	6.27	####	####	12.55	13.3
+#4 C	9.58	0.68	0.98			35.72	32.55	9.58	5.22	4.56	####	####	9.85	9.
+#5 C	5.23	0.86	1.04			33.96	28.66	5.23	3.60	2.64	####	####	5.11	4.
-#5 C	21.29	2.71	2.89	0.00	0.00	34.47	29.38	21.29	46.23	29.86	####	####	21.12	19.1
Head (Asy)		1.28	2.12			33.30	32.90							
Head (Calc)	100.00	1.25	2.06	0.00	0.00	34.76	32.61	100.00	100.00	100.00	####	####	100.00	100.0

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.10	0.88	2.58	0.00	0.00	14.24	8.50	3.10	2.19	3.88	####	####	1.27	0.
1 to 2	6.67	0.97	2.89	0.00	0.00	16.77	12.00	6.67	5.16	9.36	####	####	3.22	2.
1 to 3	12.80	1.05	3.05	0.00	0.00	20.77	17.44	12.80	10.76	18.95	####	####	7.65	6.
1 to 4	20.03	1.07	2.96	0.00	0.00	24.92	22.64	20.03	17.13	28.78	####	####	14.36	13.
1 to 5	36.54	1.02	2.54	0.00	0.00	30.13	28.40	36.54	29.83	45.14	####	####	31.56	31.
6 to 6	6.32	0.74	1.40	0.00	0.00	46.30	48.47	6.32	3.75	4.30	####	####	8.42	9.
6 to 7	15.40	0.73	1.54	0.00	0.00	44.47	45.45	15.40	8.99	11.53	####	####	19.70	21.
6 to 8	27.36	0.69	1.34	0.00	0.00	40.97	41.51	27.36	15.12	17.80	####	####	32.25	34.
6 to 9	36.94	0.69	1.25	0.00	0.00	39.61	39.19	36.94	20.34	22.36	####	####	42.10	44.
6 to 10	42.17	0.71	1.22	0.00	0.00	38.91	37.88	42.17	23.94	25.00	####	####	47.21	48.
6 to 11	63.46	1.38	1.78	0.00	0.00	37.42	35.03	63.46	70.17	54.86	####	####	68.32	68.

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.08	0.98	1.80			19.18		0.08	0.05	0.07	####	####	0.05	####
+150 M	0.12	0.98	1.80			19.18		0.12	0.07	0.11	####	####	0.08	####
+200 M	0.61	0.98	1.80			19.18		0.61	0.36	0.54	####	####	0.39	####
+270 M	0.74	0.98	1.80			19.18		0.74	0.44	0.65	####	####	0.47	####
+400 M	2.12	0.86	1.50			22.68		2.12	1.10	1.56	####	####	1.59	####
-400 M	96.33	1.68	2.06			30.60		96.33	97.98	97.08	####	####	97.43	####
+#1 Conc	1.88	1.06	1.65			36.20		1.88	1.21	1.55	####	####	2.25	####
+#2 C	2.49	0.68	1.60			36.88		2.49	1.03	1.95	####	####	3.04	####
+#3 C	7.53	0.54	1.14			31.08		7.53	2.46	4.20	####	####	7.74	####
+#4 C	14.25	0.56	1.00			30.60		14.25	4.83	6.97	####	####	14.41	####
+#5 C	12.77	0.74	0.94			31.00		12.77	5.72	5.87	####	####	13.08	####
-#5 C	57.41	2.38	2.73	0.00	0.00	29.99	0.00	57.41	82.73	76.54	####	####	56.91	####
Head (Asy)		1.62	2.02			29.36								
Head (Calc)	100.00	1.65	2.04	0.00	0.00	30.26	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.08	0.98	1.80	0.00	0.00	19.18	0.00	0.08	0.05	0.07	####	####	0.05	####
1 to 2	0.20	0.98	1.80	0.00	0.00	19.18	0.00	0.20	0.12	0.18	####	####	0.13	####
1 to 3	0.81	0.98	1.80	0.00	0.00	19.18	0.00	0.81	0.48	0.71	####	####	0.51	####
1 to 4	1.55	0.98	1.80	0.00	0.00	19.18	0.00	1.55	0.92	1.36	####	####	0.98	####
1 to 5	3.67	0.91	1.63	0.00	0.00	21.20	0.00	3.67	2.02	2.92	####	####	2.57	####
6 to 6	1.88	1.06	1.65	0.00	0.00	36.20	0.00	1.88	1.21	1.55	####	####	2.25	####
6 to 7	4.37	0.84	1.63	0.00	0.00	36.59	0.00	4.37	2.23	3.49	####	####	5.28	####
6 to 8	11.90	0.65	1.32	0.00	0.00	33.10	0.00	11.90	4.69	7.69	####	####	13.02	####
6 to 9	26.15	0.60	1.15	0.00	0.00	31.74	0.00	26.15	9.52	14.66	####	####	27.43	####
6 to 10	38.92	0.65	1.08	0.00	0.00	31.50	0.00	38.92	15.25	20.54	####	####	40.52	####
6 to 11	96.33	1.68	2.06	0.00	0.00	30.60	0.00	96.33	97.98	97.08	####	####	97.43	####

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6043-207				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.43	0.72	2.22			8.74		3.43	2.51	4.19	####	####	0.93	####
+150 M	4.42	0.92	2.64			14.32		4.42	4.13	6.42	####	####	1.96	####
+200 M	7.96	1.00	3.04			22.14		7.96	8.08	13.32	####	####	5.47	####
+270 M	9.39	0.98	2.60			29.20		9.39	9.34	13.43	####	####	8.51	####
+400 M	22.40	0.86	1.76			33.54		22.40	19.56	21.69	####	####	23.31	####
-400 M	52.40	1.06	1.42			36.80		52.40	56.39	40.94	####	####	59.82	####
+#1 Conc	9.08	0.64	1.58			45.16		9.08	5.90	7.89	####	####	12.72	####
+#2 C	11.87	0.62	1.66			41.20		11.87	7.47	10.84	####	####	15.17	####
+#3 C	13.51	0.52	1.24			34.18		13.51	7.13	9.22	####	####	14.33	####
+#4 C	7.81	0.56	1.00			33.40		7.81	4.44	4.30	####	####	8.09	####
+#5 C	2.36	0.68	1.16			31.62		2.36	1.63	1.51	####	####	2.32	####
-#5 C	7.77	3.78	1.68	0.00	0.00	29.86	0.00	7.77	29.82	7.19	####	####	7.20	####
Head (Asy)		0.96	1.29			31.76								
Head (Calc)	100.00	0.99	1.82	0.00	0.00	32.23	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.43	0.72	2.22	0.00	0.00	8.74	0.00	3.43	2.51	4.19	####	####	0.93	####
1 to 2	7.85	0.83	2.46	0.00	0.00	11.68	0.00	7.85	6.64	10.61	####	####	2.89	####
1 to 3	15.81	0.92	2.75	0.00	0.00	17.05	0.00	15.81	14.72	23.93	####	####	8.36	####
1 to 4	25.20	0.94	2.69	0.00	0.00	21.58	0.00	25.20	24.06	37.36	####	####	16.87	####
1 to 5	47.60	0.90	2.25	0.00	0.00	27.21	0.00	47.60	43.61	59.06	####	####	40.18	####
6 to 6	9.08	0.64	1.58	0.00	0.00	45.16	0.00	9.08	5.90	7.89	####	####	12.72	####
6 to 7	20.95	0.63	1.63	0.00	0.00	42.92	0.00	20.95	13.37	18.74	####	####	27.89	####
6 to 8	34.46	0.59	1.47	0.00	0.00	39.49	0.00	34.46	20.50	27.96	####	####	42.22	####
6 to 9	42.27	0.58	1.39	0.00	0.00	38.37	0.00	42.27	24.94	32.25	####	####	50.31	####
6 to 10	44.63	0.59	1.37	0.00	0.00	38.01	0.00	44.63	26.57	33.76	####	####	52.63	####
6 to 11	52.40	1.06	1.42	0.00	0.00	36.80	0.00	52.40	56.39	40.94	####	####	59.82	####

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		Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.14	0.78	2.42			9.80		3.14	2.33	3.94	####	####	0.96	####
+150 M	2.71	1.00	3.12			21.84		2.71	2.57	4.38	####	####	1.85	####
+200 M	6.51	0.96	2.68			28.78		6.51	5.93	9.04	####	####	5.86	####
+270 M	6.55	0.92	2.80			28.40		6.55	5.72	9.51	####	####	5.82	####
+400 M	15.18	0.84	2.00			34.12		15.18	12.11	15.74	####	####	16.21	####
-400 M	65.91	1.14	1.68			33.58		65.91	71.34	57.39	####	####	69.28	####
+#1 Conc	4.99	0.58	1.34			45.14		4.99	2.75	3.47	####	####	7.05	####
+#2 -C	8.90	0.54	1.32			39.60		8.90	4.56	6.09	####	####	11.03	####
+#3 C	12.00	0.46	1.04			33.84		12.00	5.24	6.47	####	####	12.71	####
+#4 C	9.72	0.54	1.02			31.88		9.72	4.98	5.14	####	####	9.70	####
+#5 C	5.48	0.72	0.96			30.24		5.48	3.75	2.73	####	####	5.19	####
-#5 C	24.82	2.12	2.60	0.00	0.00	30.37	0.00	24.82	50.06	33.50	####	####	23.60	####
Head (Asv)		1.06	1.96			30.96								
Head (Calc)	100.00	1.05	1.93	0.00	0.00	31.95	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

		Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.14	0.78	2.42	0.00	0.00	9.80	0.00	3.14	2.33	3.94	####	####	0.96	####
1 to 2	5.85	0.88	2.74	0.00	0.00	15.38	0.00	5.85	4.90	8.32	####	####	2.82	####
1 to 3	12.36	0.92	2.71	0.00	0.00	22.44	0.00	12.36	10.83	17.36	####	####	8.68	####
1 to 4	18.91	0.92	2.74	0.00	0.00	24.50	0.00	18.91	16.55	26.87	####	####	14.50	####
1 to 5	34.09	0.89	2.41	0.00	0.00	28.78	0.00	34.09	28.66	42.61	####	####	30.72	####
6 to 6	4.99	0.58	1.34	0.00	0.00	45.14	0.00	4.99	2.75	3.47	####	####	7.05	####
6 to 7	13.89	0.55	1.33	0.00	0.00	41.59	0.00	13.89	7.31	9.56	####	####	18.08	####
6 to 8	25.89	0.51	1.19	0.00	0.00	38.00	0.00	25.89	12.55	16.02	####	####	30.80	####
6 to 9	35.61	0.52	1.15	0.00	0.00	36.33	0.00	35.61	17.54	21.16	####	####	40.50	####
6 to 10	41.09	0.55	1.12	0.00	0.00	35.52	0.00	41.09	21.28	23.89	####	####	45.68	####
6 to 11	65.91	1.14	1.68	0.00	0.00	33.58	0.00	65.91	71.34	57.39	####	####	69.28	####

B.M.+S.—Metallurgical Laboratory Report

6043-209				Assays								Distribution			
Product		Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100	M	0.13	1.20	1.94			22.04		0.13	0.10	0.14	####	####	0.10	####
+150	M	0.51	1.20	1.94			22.04		0.51	0.39	0.55	####	####	0.37	####
+200	M	0.96	1.20	1.94			22.04		0.96	0.73	1.04	####	####	0.71	####
+270	M	0.86	0.92	1.90			24.88		0.86	0.50	0.91	####	####	0.71	####
+400	M	2.02	0.80	1.50			25.70		2.02	1.03	1.69	####	####	1.73	####
-400	M	95.52	1.60	1.80			30.26		95.52	97.25	95.68	####	####	96.38	####
+#1	Conc	1.81	1.14	1.48			34.00		1.81	1.31	1.49	####	####	2.05	####
+#2	C	2.00	0.62	1.28			38.94		2.00	0.79	1.42	####	####	2.60	####
+#3	C	5.62	0.48	0.92			30.46		5.62	1.72	2.88	####	####	5.71	####
+#4	C	11.96	0.50	0.54			28.81		11.96	3.81	3.59	####	####	11.49	####
+#5	C	12.23	0.64	0.92			29.96		12.23	4.98	6.26	####	####	12.22	####
-#5	C	61.90	2.15	2.32	0.00	0.00	30.19	0.00	61.90	84.64	80.03	####	####	62.32	####
Head	(Asy)		1.52	1.84			28.82								
Head	(Calc)	100.00	1.57	1.80	0.00	0.00	29.99	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.13	1.20	1.94	0.00	0.00	22.04	0.00	0.13	0.10	0.14	####	####	0.10	####
1 to 2	0.64	1.20	1.94	0.00	0.00	22.04	0.00	0.64	0.49	0.69	####	####	0.47	####
1 to 3	1.60	1.20	1.94	0.00	0.00	22.04	0.00	1.60	1.22	1.73	####	####	1.18	####
1 to 4	2.46	1.10	1.93	0.00	0.00	23.03	0.00	2.46	1.73	2.64	####	####	1.89	####
1 to 5	4.48	0.97	1.73	0.00	0.00	24.24	0.00	4.48	2.75	4.32	####	####	3.62	####
6 to 6	1.81	1.14	1.48	0.00	0.00	34.00	0.00	1.81	1.31	1.49	####	####	2.05	####
6 to 7	3.81	0.87	1.36	0.00	0.00	36.59	0.00	3.81	2.10	2.92	####	####	4.65	####
6 to 8	9.43	0.64	1.10	0.00	0.00	32.94	0.00	9.43	3.82	5.79	####	####	10.36	####
6 to 9	21.39	0.56	0.79	0.00	0.00	30.63	0.00	21.39	7.62	9.39	####	####	21.85	####
6 to 10	33.62	0.59	0.84	0.00	0.00	30.39	0.00	33.62	12.60	15.65	####	####	34.06	####
6 to 11	95.52	1.60	1.80	0.00	0.00	30.26	0.00	95.52	97.25	95.68	####	####	96.38	####

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6043-210

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.56	0.70	1.86			7.98		3.56	2.82	4.15	####	####	0.91	####
+150 M	3.63	0.86	2.40			12.76		3.63	3.53	5.46	####	####	1.48	####
+200 M	8.15	0.94	2.84			20.28		8.15	8.67	14.50	####	####	5.29	####
+270 M	8.97	0.92	1.54			28.00		8.97	9.34	8.65	####	####	8.03	####
+400 M	20.11	0.78	1.80			33.00		20.11	17.75	22.68	####	####	21.22	####
-400 M	55.58	0.92	1.28			35.48		55.58	57.88	44.57	####	####	63.07	####
+#1 Conc	9.78	0.60	1.10			43.84		9.78	6.64	6.74	####	####	13.71	####
+#2 -C	12.45	0.56	1.26			39.38		12.45	7.89	9.83	####	####	15.68	####
+#3 C	14.25	0.48	0.82			31.20		14.25	7.74	7.32	####	####	14.22	####
+#4 C	8.67	0.50	0.80			31.48		8.67	4.91	4.34	####	####	8.73	####
+#5 C	3.11	0.62	0.75			31.00		3.11	2.18	1.52	####	####	3.08	####
-#5 C	7.32	3.44	3.23	0.00	0.00	32.65	0.00	7.32	28.51	14.82	####	####	7.64	####
Head (Asy)		0.92	1.64			31.10								
Head (Calc)	100.00	0.88	1.60	0.00	0.00	31.27	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.56	0.70	1.86	0.00	0.00	7.98	0.00	3.56	2.82	4.15	####	####	0.91	####
1 to 2	7.19	0.78	2.13	0.00	0.00	10.39	0.00	7.19	6.35	9.61	####	####	2.39	####
1 to 3	15.34	0.87	2.51	0.00	0.00	15.65	0.00	15.34	15.03	24.10	####	####	7.68	####
1 to 4	24.31	0.89	2.15	0.00	0.00	20.20	0.00	24.31	24.37	32.76	####	####	15.71	####
1 to 5	44.42	0.84	1.99	0.00	0.00	26.00	0.00	44.42	42.12	55.43	####	####	36.93	####
6 to 6	9.78	0.60	1.10	0.00	0.00	43.84	0.00	9.78	6.64	6.74	####	####	13.71	####
6 to 7	22.23	0.58	1.19	0.00	0.00	41.34	0.00	22.23	14.53	16.57	####	####	29.39	####
6 to 8	36.48	0.54	1.05	0.00	0.00	37.38	0.00	36.48	22.28	23.89	####	####	43.61	####
6 to 9	45.15	0.53	1.00	0.00	0.00	36.25	0.00	45.15	27.18	28.23	####	####	52.34	####
6 to 10	48.26	0.54	0.98	0.00	0.00	35.91	0.00	48.26	29.37	29.75	####	####	55.42	####
6 to 11	55.58	0.72	1.28	0.00	0.00	35.48	0.00	55.58	57.88	44.57	####	####	63.07	####

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6043-211				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.63	0.76	1.82			9.84		2.63	1.95	2.98	####	####	0.83	####
+150 M	3.30	0.96	2.62			14.32		3.30	3.08	5.38	####	####	1.51	####
+200 M	5.94	1.02	2.76			21.90		5.94	5.90	10.19	####	####	4.16	####
+270 M	7.14	0.98	2.28			29.06		7.14	6.81	10.12	####	####	6.64	####
+400 M	16.48	0.82	1.56			33.58		16.48	13.16	15.98	####	####	17.71	####
-400 M	64.51	1.10	1.38			33.50		64.51	69.10	55.35	####	####	69.15	####
+#1 Conc	7.04	0.56	1.00			44.94		7.04	3.84	4.38	####	####	10.12	####
+#2 C	9.17	0.50	0.85			40.36		9.17	4.46	5.02	####	####	11.84	####
+#3 C	11.64	0.42	0.64			32.90		11.64	4.76	4.63	####	####	12.25	####
+#4 C	9.43	0.44	0.32			31.18		9.43	4.04	1.88	####	####	9.41	####
+#5 C	5.34	0.56	0.66			30.62		5.34	2.91	2.19	####	####	5.23	####
-#5 C	21.89	2.30	2.74	0.00	0.00	28.97	0.00	21.89	49.08	37.26	####	####	20.29	####
Head (Asy)		1.04	1.66			30.78								
Head (Calc)	100.00	1.03	1.61	0.00	0.00	31.25	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.63	0.76	1.82	0.00	0.00	9.84	0.00	2.63	1.95	2.98	####	####	0.83	####
1 to 2	5.92	0.87	2.27	0.00	0.00	12.33	0.00	5.93	5.03	8.35	####	####	2.34	####
1 to 3	11.87	0.95	2.51	0.00	0.00	17.12	0.00	11.37	10.93	18.54	####	####	6.50	####
1 to 4	19.01	0.96	2.43	0.00	0.00	21.60	0.00	19.01	17.74	28.67	####	####	13.14	####
1 to 5	35.49	0.89	2.02	0.00	0.00	27.17	0.00	35.49	30.90	44.65	####	####	30.85	####
6 to 6	7.04	0.56	1.00	0.00	0.00	44.94	0.00	7.04	3.84	4.38	####	####	10.12	####
6 to 7	16.21	0.53	0.93	0.00	0.00	42.35	0.00	16.21	8.30	9.39	####	####	21.97	####
6 to 8	27.85	0.48	0.81	0.00	0.00	38.40	0.00	27.85	13.06	14.03	####	####	34.22	####
6 to 9	37.28	0.47	0.69	0.00	0.00	36.57	0.00	37.28	17.10	15.90	####	####	43.63	####
6 to 10	42.62	0.48	0.68	0.00	0.00	35.83	0.00	42.62	20.02	18.09	####	####	46.86	####
6 to 11	64.51	1.10	1.38	0.00	0.00	33.50	0.00	64.51	69.10	55.35	####	####	69.15	####

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6043-212				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.11	1.12	2.14			23.80		0.11	0.07	0.11	####	####	0.08	####
+150 M	0.15	1.12	2.14			23.80		0.15	0.10	0.15	####	####	0.11	####
+200 M	0.63	1.12	2.14			23.80		0.63	0.40	0.62	####	####	0.48	####
+270 M	0.77	1.12	2.14			23.80		0.77	0.49	0.76	####	####	0.58	####
+400 M	1.78	0.90	1.76			27.58		1.78	0.91	1.44	####	####	1.56	####
-400 M	96.56	1.78	2.18			31.60		96.56	98.03	96.92	####	####	97.18	####
+#1 Conc	0.97	0.52	1.28			42.26		0.97	0.29	0.57	####	####	1.31	####
+#2 T	1.75	0.52	1.28			33.38		1.75	0.52	1.03	####	####	1.86	####
+#3 C	5.12	0.44	0.94			31.30		5.12	1.28	2.22	####	####	5.10	####
+#4 C	10.78	0.48	0.82			32.04		10.78	2.95	4.07	####	####	11.00	####
+#5 C	11.18	0.60	0.92			31.18		11.18	3.83	4.22	####	####	11.10	####
-#5 C	66.76	2.34	2.76	0.00	0.00	31.42	0.00	66.76	89.16	84.81	####	####	66.81	####
Head (Asy)		1.60	2.29			30.78								
Head (Calc)	100.00	1.75	2.17	0.00	0.00	31.40	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.11	1.12	2.14	0.00	0.00	23.80	0.00	0.11	0.07	0.11	####	####	0.08	####
1 to 2	0.26	1.12	2.14	0.00	0.00	23.80	0.00	0.26	0.17	0.26	####	####	0.20	####
1 to 3	0.89	1.12	2.14	0.00	0.00	23.80	0.00	0.89	0.57	0.88	####	####	0.67	####
1 to 4	1.66	1.12	2.14	0.00	0.00	23.80	0.00	1.66	1.06	1.64	####	####	1.26	####
1 to 5	3.44	1.01	1.94	0.00	0.00	25.76	0.00	3.44	1.97	3.08	####	####	2.82	####
6 to 6	0.97	0.52	1.29	0.00	0.00	42.26	0.00	0.97	0.29	0.57	####	####	1.31	####
6 to 7	2.72	0.52	1.28	0.00	0.00	36.55	0.00	2.72	0.81	1.60	####	####	3.17	####
6 to 8	7.84	0.47	1.06	0.00	0.00	33.12	0.00	7.84	2.09	3.82	####	####	8.27	####
6 to 9	18.62	0.47	0.92	0.00	0.00	32.49	0.00	18.62	5.04	7.89	####	####	19.27	####
6 to 10	29.80	0.52	0.88	0.00	0.00	32.00	0.00	29.80	8.87	12.11	####	####	30.37	####
6 to 11	96.56	1.78	2.18	0.00	0.00	31.60	0.00	96.56	98.03	96.92	####	####	97.18	####

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.42	0.68	2.12			8.52		3.42	2.95	4.50	####	####	0.91	####
+150 M	4.43	0.64	2.50			13.88		4.43	4.72	6.87	####	####	1.93	####
+200 M	7.87	0.94	3.00			21.88		7.87	9.39	14.65	####	####	5.40	####
+270 M	9.21	0.88	2.46			25.46		9.21	10.28	14.06	####	####	7.36	####
+400 M	21.44	0.72	1.60			33.74		21.44	19.59	21.29	####	####	22.69	####
-400 M	53.63	0.78	1.16			36.68		53.63	53.07	38.61	####	####	61.71	####
+#1 Conc	9.43	0.52	1.18			45.82		9.43	6.22	6.91	####	####	13.55	####
+#2 C	11.78	0.50	1.22			41.02		11.78	7.47	8.92	####	####	15.16	####
+#3 C	13.73	0.44	0.86			34.72		13.73	7.66	7.33	####	####	14.95	####
+#4 C	8.69	0.48	0.64			33.04		8.69	5.29	3.45	####	####	9.01	####
+#5 C	3.04	0.53	0.58			30.22		3.04	2.24	1.28	####	####	2.88	####
-#5 C	6.96	2.74	2.48	0.00	0.00	28.18	0.00	6.96	24.19	10.72	####	####	6.15	####
Head (Asy)		0.80	1.30			31.94								
Head (Calc)	100.00	0.79	1.61	0.00	0.00	31.88	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.42	0.68	2.12	0.00	0.00	8.52	0.00	3.42	2.95	4.50	####	####	0.91	####
1 to 2	7.85	0.77	2.33	0.00	0.00	11.54	0.00	7.85	7.67	11.37	####	####	2.84	####
1 to 3	15.72	0.86	2.67	0.00	0.00	16.72	0.00	15.72	17.06	26.03	####	####	8.24	####
1 to 4	24.93	0.86	2.59	0.00	0.00	19.95	0.00	24.93	27.34	40.09	####	####	15.60	####
1 to 5	46.37	0.80	2.13	0.00	0.00	26.33	0.00	46.37	46.93	61.39	####	####	33.29	####
6 to 6	9.43	0.52	1.18	0.00	0.00	45.82	0.00	9.43	6.22	6.91	####	####	13.55	####
6 to 7	21.21	0.51	1.20	0.00	0.00	43.15	0.00	21.21	13.69	15.83	####	####	28.71	####
6 to 8	34.94	0.48	1.07	0.00	0.00	39.84	0.00	34.94	21.36	23.16	####	####	43.67	####
6 to 9	43.63	0.48	0.99	0.00	0.00	38.49	0.00	43.63	26.65	26.61	####	####	52.67	####
6 to 10	46.67	0.49	0.96	0.00	0.00	37.95	0.00	46.67	28.89	27.89	####	####	55.55	####
6 to 11	53.63	0.78	1.16	0.00	0.00	36.68	0.00	53.63	53.07	38.61	####	####	61.71	####

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	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	2.85	0.76	2.10			9.58		2.85	2.18	3.17	####	####	0.83	####
+150 M	2.68	0.92	2.68			13.40		2.68	2.48	3.80	####	####	1.09	####
+200 M	6.50	1.02	3.12			21.40		6.50	6.66	10.74	####	####	4.22	####
+270 M	6.60	0.96	2.74			28.42		6.60	6.36	9.58	####	####	5.69	####
+400 M	15.31	0.78	2.06			33.36		15.31	11.99	16.71	####	####	15.49	####
-400 M	66.06	1.06	1.60			36.28		66.06	70.33	55.99	####	####	72.69	####
+#1 Conc	9.26	0.52	1.40			45.30		9.26	4.84	6.87	####	####	12.72	####
+#2 C	9.70	0.40	1.34			39.76		9.70	3.90	6.59	####	####	11.70	####
+#3 C	11.54	0.38	0.92			33.90		11.54	4.40	5.62	####	####	11.86	####
+#4 C	9.25	0.50	0.94			33.84		9.25	4.65	4.61	####	####	9.49	####
+#5 C	5.21	0.62	0.58			30.96		5.21	3.24	2.43	####	####	4.89	####
-#5 C	21.10	2.33	2.65	0.00	0.00	34.41	0.00	21.10	49.30	29.58	####	####	22.02	####
Head (Asy)		1.04	1.88			31.52								
Head (Calc)	100.00	1.00	1.39	0.00	0.00	32.97	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	2.85	0.76	2.10	0.00	0.00	9.58	0.00	2.85	2.18	3.17	####	####	0.83	####
1 to 2	5.53	0.84	2.38	0.00	0.00	11.43	0.00	5.53	4.65	6.98	####	####	1.92	####
1 to 3	12.03	0.94	2.78	0.00	0.00	16.82	0.00	12.03	11.31	17.72	####	####	6.14	####
1 to 4	18.63	0.94	2.77	0.00	0.00	20.93	0.00	18.63	17.67	27.30	####	####	11.82	####
1 to 5	33.94	0.87	2.45	0.00	0.00	26.54	0.00	33.94	29.67	44.01	####	####	27.31	####
6 to 6	9.26	0.52	1.40	0.00	0.00	45.30	0.00	9.26	4.84	6.87	####	####	12.72	####
6 to 7	18.96	0.46	1.37	0.00	0.00	42.47	0.00	18.96	8.73	13.75	####	####	24.42	####
6 to 8	30.50	0.43	1.20	0.00	0.00	39.22	0.00	30.50	13.14	19.38	####	####	36.28	####
6 to 9	39.75	0.45	1.14	0.00	0.00	37.97	0.00	39.75	17.78	23.98	####	####	45.78	####
6 to 10	44.96	0.47	1.11	0.00	0.00	37.16	0.00	44.96	21.03	26.41	####	####	50.67	####
6 to 11	66.06	1.06	1.60	0.00	0.00	36.28	0.00	66.06	70.33	55.99	####	####	72.69	####

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6043-215			Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.12	1.34	2.34			22.64		0.12	0.10	0.13	####	####	0.09	####
+150 M	0.86	1.34	2.34			22.64		0.86	0.72	0.92	####	####	0.66	####
+200 M	1.14	1.34	2.34			22.64		1.14	0.96	1.22	####	####	0.88	####
+270 M	0.83	0.94	2.16			24.12		0.83	0.49	0.82	####	####	0.68	####
+400 M	1.77	0.88	1.74			27.24		1.77	0.98	1.40	####	####	1.64	####
-400 M	95.28	1.62	2.20			29.64		95.29	96.75	95.52	####	####	96.05	####
+#1 Conc	1.47	0.48	1.30			35.86		1.47	0.44	0.87	####	####	1.79	####
+#2 C	1.99	0.48	1.30			35.86		1.99	0.60	1.18	####	####	2.43	####
+#3 C	4.49	0.40	0.92			29.52		4.49	1.13	1.88	####	####	4.51	####
+#4 C	9.50	0.50	0.84			27.94		9.50	2.98	3.64	####	####	9.03	####
+#5 C	10.38	0.46	0.70			27.66		10.38	2.99	3.31	####	####	9.76	####
-#5 C	67.45	2.10	2.75	0.00	0.00	29.87	0.00	67.45	88.62	84.64	####	####	68.53	####
Head (Asy)		1.60	2.20			28.70								
Head (Calc)	100.00	1.60	2.19	0.00	0.00	29.40	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

			Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.12	1.34	2.34	0.00	0.00	22.64	0.00	0.12	0.10	0.13	####	####	0.09	####
1 to 2	0.98	1.34	2.34	0.00	0.00	22.64	0.00	0.98	0.82	1.04	####	####	0.75	####
1 to 3	2.12	1.34	2.34	0.00	0.00	22.64	0.00	2.12	1.78	2.26	####	####	1.63	####
1 to 4	2.95	1.23	2.29	0.00	0.00	23.06	0.00	2.95	2.27	3.08	####	####	2.31	####
1 to 5	4.72	1.10	2.08	0.00	0.00	24.63	0.00	4.72	3.25	4.48	####	####	3.95	####
6 to 6	1.47	0.48	1.30	0.00	0.00	35.86	0.00	1.47	0.44	0.87	####	####	1.79	####
6 to 7	3.46	0.48	1.30	0.00	0.00	35.86	0.00	3.46	1.04	2.05	####	####	4.22	####
6 to 8	7.95	0.43	1.09	0.00	0.00	32.28	0.00	7.95	2.17	3.93	####	####	8.73	####
6 to 9	17.45	0.47	0.95	0.00	0.00	29.92	0.00	17.45	5.14	7.57	####	####	17.75	####
6 to 10	27.83	0.47	0.86	0.00	0.00	29.08	0.00	27.83	8.14	10.88	####	####	27.52	####
6 to 11	95.28	1.62	2.20	0.00	0.00	29.64	0.00	95.28	96.75	95.52	####	####	96.05	####

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6043-216				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.78	0.72	2.14			8.58		3.78	3.20	4.47	####	####	0.99	####
+150 M	3.73	0.86	2.76			13.66		3.73	3.77	5.69	####	####	1.56	####
+200 M	8.42	1.00	3.04			21.00		8.42	9.90	14.15	####	####	5.41	####
+270 M	8.42	0.99	2.70			29.66		8.42	9.71	12.56	####	####	7.64	####
+400 M	18.89	0.84	1.96			34.26		18.89	18.67	20.46	####	####	19.79	####
-400 M	56.76	0.82	1.36			37.24		56.76	54.75	42.66	####	####	64.62	####
+#1 Conc	11.67	0.64	1.28			45.48		11.67	8.79	8.26	####	####	16.23	####
+#2 C	12.29	0.58	1.18			39.00		12.29	8.38	8.02	####	####	14.65	####
+#3 C	13.67	0.50	0.90			34.40		13.67	8.04	6.80	####	####	14.38	####
+#4 C	8.94	0.52	0.78			32.50		8.94	5.47	3.85	####	####	8.88	####
+#5 C	3.12	0.60	0.82			33.02		3.12	2.20	1.41	####	####	3.15	####
-#5 C	7.07	2.63	3.67	0.00	0.00	33.93	0.00	7.07	21.87	14.33	####	####	7.33	####
Head (Asy)		0.82	1.70			32.00								
Head (Calc)	100.00	0.85	1.81	0.00	0.00	32.71	0.00	100.00	100.00	100.00	####	####	100.00	####

Absolute Cumulative Report

				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.78	0.72	2.14	0.00	0.00	8.58	0.00	3.78	3.20	4.47	####	####	0.99	####
1 to 2	7.51	0.79	2.45	0.00	0.00	11.10	0.00	7.51	6.97	10.16	####	####	2.55	####
1 to 3	15.93	0.90	2.75	0.00	0.00	16.33	0.00	15.93	16.88	24.31	####	####	7.96	####
1 to 4	24.35	0.93	2.74	0.00	0.00	20.94	0.00	24.35	26.59	36.87	####	####	15.59	####
1 to 5	43.24	0.89	2.40	0.00	0.00	26.76	0.00	43.24	45.25	57.34	####	####	35.38	####
6 to 6	11.67	0.64	1.28	0.00	0.00	45.48	0.00	11.67	8.79	8.26	####	####	16.23	####
6 to 7	23.96	0.61	1.23	0.00	0.00	42.16	0.00	23.96	17.17	16.27	####	####	30.88	####
6 to 8	37.63	0.57	1.11	0.00	0.00	39.34	0.00	37.63	25.21	23.07	####	####	45.26	####
6 to 9	46.57	0.56	1.05	0.00	0.00	38.03	0.00	46.57	30.68	26.92	####	####	54.14	####
6 to 10	49.69	0.56	1.03	0.00	0.00	37.71	0.00	49.69	32.88	28.34	####	####	57.29	####
6 to 11	56.76	0.82	1.36	0.00	0.00	37.24	0.00	56.76	54.75	42.66	####	####	64.62	####

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6043-221				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.01	1.06	3.20	0.14	1.40	16.88	16.38	0.01	0.01	0.02	0.01	0.01	0.01	0.01
+150 M	0.04	1.06	3.20	0.14	1.40	16.88	16.38	0.04	0.03	0.09	0.04	0.06	0.02	0.02
+200 M	0.19	1.06	3.20	0.14	1.40	16.88	16.38	0.19	0.16	0.45	0.19	0.27	0.11	0.11
+270 M	0.34	1.06	3.20	0.14	1.40	16.88	16.38	0.34	0.28	0.80	0.34	0.49	0.19	0.19
+400 M	1.25	0.98	2.34	0.16	1.68	24.22	23.01	1.25	0.96	2.15	1.43	2.16	0.99	1.00
-400 M	98.17	1.28	1.34	0.14	0.96	30.60	28.86	98.17	98.56	96.49	98.00	97.00	98.68	98.67
+#1 Conc	0.81	0.74	1.30	0.82	1.00	40.78	43.29	0.81	0.47	0.77	4.74	0.83	1.09	1.22
+#2 C	1.87	0.74	1.30	0.82	1.00	40.78	43.29	1.87	1.09	1.78	10.93	1.92	2.51	2.82
+#3 C	7.03	0.48	0.76	0.18	0.58	26.20	22.62	7.03	2.65	3.92	9.02	4.20	6.05	5.54
+#4 C	15.54	0.44	0.54	0.12	0.48	28.60	27.30	15.54	5.36	6.16	13.30	7.68	14.60	14.77
+#5 C	12.65	0.50	0.58	0.10	0.48	31.02	27.69	12.65	4.96	5.38	9.02	6.25	12.89	12.20
-#5 C	60.27	1.79	1.78	0.12	1.23	31.09	29.59	60.27	84.03	78.48	50.99	76.12	61.55	62.12
Head (Assy)		1.32	1.32	0.12	0.86	31.04	29.25							
Head (Calc)	100.00	1.27	1.36	0.14	0.97	30.44	28.71	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	ozt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.01	1.06	3.20	0.14	1.40	16.88	16.38	0.01	0.01	0.02	0.01	0.01	0.01	0.01
1 to 2	0.05	1.06	3.20	0.14	1.40	16.88	16.38	0.05	0.04	0.12	0.05	0.07	0.03	0.03
1 to 3	0.24	1.06	3.20	0.14	1.40	16.88	16.38	0.24	0.20	0.56	0.24	0.35	0.13	0.14
1 to 4	0.58	1.06	3.20	0.14	1.40	16.88	16.38	0.58	0.48	1.36	0.58	0.84	0.32	0.33
1 to 5	1.83	1.01	2.61	0.15	1.59	21.39	20.91	1.83	1.44	3.51	2.00	3.00	1.32	1.33
6 to 6	0.81	0.74	1.30	0.82	1.00	40.78	43.29	0.81	0.47	0.77	4.74	0.83	1.09	1.22
6 to 7	2.68	0.74	1.30	0.82	1.00	40.78	43.29	2.68	1.56	2.56	15.67	2.76	3.59	4.04
6 to 8	9.71	0.55	0.91	0.36	0.70	30.22	28.33	9.71	4.20	6.47	24.69	6.96	9.64	9.56
6 to 9	25.25	0.48	0.66	0.21	0.56	29.22	27.69	25.25	9.57	12.63	37.99	14.63	24.24	24.35
6 to 10	37.90	0.49	0.65	0.17	0.54	29.82	27.69	37.90	14.53	18.01	47.01	20.88	37.13	36.55
6 to 11	98.17	1.28	1.34	0.14	0.96	30.60	28.86	98.17	98.56	96.49	98.00	97.00	98.68	98.67

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	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.40	0.46	0.70	0.12	0.48	6.30	3.12	1.40	0.67	0.50	0.91	0.67	0.27	0.1
+150 M	2.00	0.64	1.44	0.12	0.80	9.34	5.07	2.00	1.33	1.48	1.30	1.59	0.57	0.2
+200 M	4.48	0.90	3.60	0.16	1.14	15.42	14.43	4.48	4.20	8.27	3.88	5.09	2.11	1.6
+270 M	6.24	1.14	4.52	0.24	1.48	31.40	28.47	6.24	7.40	14.46	8.11	9.20	5.97	5.1
+400 M	19.44	0.92	2.84	0.20	1.30	34.02	38.61	19.44	18.62	28.30	21.05	25.18	20.17	21.64
-400 M	66.44	0.98	1.38	0.19	0.88	35.00	37.05	66.44	67.78	47.00	64.75	58.26	70.91	70.9
+#1 Conc	9.09	1.88	1.08	0.26	0.96	46.92	50.70	9.09	17.79	5.03	12.80	8.70	13.01	13.2
+#2 C	10.07	0.46	1.14	0.16	0.52	30.96	45.24	10.07	4.82	5.98	8.72	5.22	9.51	13.1
+#3 C	11.62	0.46	0.90	0.18	0.64	35.78	35.01	11.62	5.56	5.36	11.32	7.41	12.68	11.7
+#4 C	9.23	0.54	0.94	0.16	0.54	33.74	33.15	9.23	5.19	4.45	8.00	4.97	9.50	8.8
+#5 C	5.09	0.64	0.82	0.18	0.52	33.20	29.84	5.09	3.39	2.14	4.96	2.64	5.15	4.3
-#5 C	21.34	1.40	2.21	0.16	1.38	32.38	31.39	21.34	31.02	24.13	18.95	29.33	21.07	19.62
Head (Asy)		1.00	2.25	0.18	1.02	32.28	35.01							
Head (Calc)	100.00	0.96	1.95	0.18	1.00	32.79	34.69	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

	Assays							Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.40	0.46	0.70	0.12	0.48	6.30	3.12	1.40	0.67	0.50	0.91	0.67	0.27	0.1
1 to 2	3.40	0.57	1.14	0.12	0.67	8.09	4.27	3.40	2.00	1.98	2.21	2.26	0.84	0.4
1 to 3	7.88	0.76	2.54	0.14	0.94	12.26	10.04	7.88	6.20	10.25	6.09	7.35	2.95	2.2
1 to 4	14.12	0.93	3.41	0.19	1.18	20.72	18.19	14.12	13.60	24.70	14.20	16.56	8.92	7.4
1 to 5	33.56	0.92	3.08	0.19	1.25	28.42	30.02	33.56	32.22	53.00	35.25	41.74	29.09	29.04
6 to 6	9.09	1.88	1.08	0.26	0.96	46.92	50.70	9.09	17.79	5.03	12.80	8.70	13.01	13.29
6 to 7	19.16	1.13	1.11	0.21	0.73	38.53	47.83	19.16	22.61	10.92	21.52	13.91	22.51	26.42
6 to 8	30.78	0.88	1.03	0.20	0.70	37.49	42.99	30.78	28.18	16.28	32.84	21.32	35.19	38.1
6 to 9	40.01	0.80	1.01	0.19	0.66	36.63	40.72	40.01	33.36	20.72	40.84	26.29	44.69	46.97
6 to 10	45.10	0.78	0.99	0.19	0.64	36.24	39.49	45.10	36.75	22.86	45.80	28.93	49.84	51.34
6 to 11	66.44	0.98	1.38	0.18	0.88	35.00	37.05	66.44	67.78	47.00	64.75	58.26	70.91	70.96

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Product				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.42	0.50	0.84	0.12	0.54	6.20	2.34	1.42	0.79	0.57	0.89	0.69	0.25	0.09
+150 M	2.39	0.68	1.74	0.12	0.78	8.08	5.07	2.39	1.82	1.97	1.49	1.67	0.56	0.32
+200 M	5.48	1.02	4.28	0.16	1.26	15.20	14.04	5.48	6.25	11.12	4.56	6.19	2.40	2.06
+270 M	8.17	1.24	4.96	0.24	1.62	26.96	28.47	8.17	11.33	19.22	10.20	11.87	6.34	6.22
+400 M	26.60	1.00	2.84	0.22	1.40	35.92	37.83	26.60	29.75	35.82	30.45	33.41	27.48	26.90
-400 M	55.94	0.80	1.18	0.18	0.92	39.14	43.07	55.94	50.05	31.30	52.40	46.17	62.98	64.41
+#1 Conc	12.68	0.68	1.44	0.20	1.06	44.74	53.12	12.68	9.64	8.66	13.20	12.06	16.32	18.01
+#2 C	14.34	0.58	1.46	0.18	0.90	41.02	45.95	14.34	9.30	9.93	13.43	11.58	16.92	17.62
+#3 C	13.81	0.48	0.88	0.14	0.64	35.40	38.05	13.81	7.41	5.76	10.06	7.93	14.06	14.05
+#4 C	6.68	0.50	0.56	0.16	0.60	36.66	39.48	6.68	3.74	1.77	5.56	3.60	7.04	7.05
+#5 C	1.84	0.60	0.64	0.16	0.58	33.84	33.38	1.84	1.23	0.56	1.53	0.96	1.79	1.64
-#5 C	6.59	2.54	1.48	0.25	1.70	36.11	34.33	6.59	18.72	4.62	8.61	10.05	6.84	6.05
Head (Asy)		0.92	2.05	0.20	1.08	34.62	37.33							
Head (Calc)	100.00	0.89	2.11	0.19	1.11	34.77	37.41	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

Product				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.42	0.50	0.84	0.12	0.54	6.20	2.34	1.42	0.79	0.57	0.89	0.69	0.25	0.09
1 to 2	3.81	0.61	1.40	0.12	0.69	7.38	4.05	3.81	2.61	2.54	2.38	2.36	0.81	0.41
1 to 3	9.29	0.85	3.10	0.14	1.03	11.99	9.94	9.29	8.86	13.66	6.94	8.55	3.20	2.47
1 to 4	17.46	1.03	3.97	0.19	1.20	19.00	18.61	17.46	20.19	32.88	17.15	20.43	9.54	8.69
1 to 5	44.06	1.01	3.29	0.21	1.36	29.21	30.21	44.06	49.95	68.70	47.60	53.83	37.02	35.59
6 to 6	12.68	0.68	1.44	0.20	1.06	44.74	53.12	12.68	9.64	8.66	13.20	12.06	16.32	18.01
6 to 7	27.02	0.63	1.45	0.19	0.98	42.77	49.31	27.02	18.95	19.59	26.63	23.63	33.24	35.62
6 to 8	40.83	0.58	1.26	0.17	0.86	40.27	45.50	40.83	26.36	24.35	36.69	31.56	47.30	49.67
6 to 9	47.51	0.57	1.16	0.17	0.82	39.77	44.66	47.51	30.10	26.12	42.25	35.16	54.34	56.72
6 to 10	49.35	0.57	1.14	0.17	0.82	39.55	44.24	49.35	31.33	26.68	43.79	36.12	56.13	58.36
6 to 11	55.94	0.80	1.18	0.18	0.92	39.14	43.07	55.94	50.05	31.30	52.40	46.17	62.98	64.41

B.M.+S.—Metallurgical Laboratory Report

6043-224			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.44	0.36	0.54	0.08	0.30	4.28	2.70	1.44	0.54	0.38	0.67	0.41	0.18	0.1
+150 M	1.88	0.68	1.64	0.12	0.74	8.52	3.95	1.88	1.32	1.49	1.32	1.33	0.47	0.2
+200 M	4.78	0.98	3.92	0.18	1.22	15.02	14.36	4.78	4.84	9.04	5.04	5.59	2.12	1.9
+270 M	5.77	1.16	4.98	0.24	1.52	27.08	28.71	5.77	6.91	13.87	8.11	8.40	4.60	4.7
+400 M	17.53	0.94	3.18	0.20	1.34	36.24	39.13	17.53	17.61	26.90	20.54	22.50	18.72	19.7
-400 M	68.60	0.98	1.46	0.16	0.94	36.56	36.97	68.60	69.39	48.33	64.31	61.77	73.91	73.1
+#1 Conc	14.03	0.64	1.76	0.20	1.00	45.58	49.17	14.03	9.27	11.92	16.44	13.44	18.84	19.8
+#2 C	10.49	0.48	1.34	0.14	0.80	39.58	41.64	10.49	5.20	6.78	8.60	8.04	12.23	12.6
+#3 C	10.67	0.44	0.74	0.16	0.58	39.16	33.74	10.67	4.85	3.81	10.00	5.93	12.31	10.3
+#4 C	8.55	0.42	0.60	0.10	0.44	29.10	32.67	8.55	3.71	2.48	5.01	3.60	7.33	8.0
+#5 C	4.78	0.56	0.72	0.16	0.50	31.14	28.71	4.78	2.76	1.66	4.49	2.29	4.39	3.9
-#5 C	20.08	2.10	2.24	0.17	1.48	31.77	31.52	20.08	43.61	21.69	19.77	28.47	18.80	18.2
Head (Asv)		1.02	2.14	0.16	1.04	34.00	34.46							
Head (Calc)	100.00	0.97	2.07	0.17	1.04	33.94	34.68	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

			Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.44	0.36	0.54	0.08	0.30	4.28	2.70	1.44	0.54	0.38	0.67	0.41	0.18	0.1
1 to 2	3.32	0.54	1.16	0.10	0.55	6.68	3.41	3.32	1.85	1.86	2.00	1.75	0.65	0.3
1 to 3	8.10	0.80	2.79	0.15	0.95	11.60	9.87	8.10	6.69	10.90	7.04	7.33	2.77	2.3
1 to 4	13.87	0.95	3.70	0.19	1.18	18.04	17.71	13.87	13.60	24.77	15.15	15.73	7.37	7.0
1 to 5	31.40	0.94	3.41	0.19	1.27	28.20	29.67	31.40	30.61	51.67	35.69	38.23	26.09	26.8
6 to 6	14.03	0.64	1.76	0.20	1.00	45.58	49.17	14.03	9.27	11.92	16.44	13.44	18.84	19.8
6 to 7	24.52	0.57	1.58	0.17	0.91	43.01	45.95	24.52	14.47	18.70	25.04	21.48	31.08	32.4
6 to 8	35.19	0.53	1.33	0.17	0.81	41.84	42.25	35.19	19.31	22.51	35.05	27.40	43.39	42.8
6 to 9	43.74	0.51	1.18	0.16	0.74	39.35	40.37	43.74	23.02	24.98	40.06	31.01	50.72	50.9
6 to 10	48.52	0.51	1.14	0.16	0.72	38.54	39.23	48.52	25.78	26.64	44.54	33.30	55.11	54.8
6 to 11	68.60	0.98	1.46	0.16	0.94	36.56	36.97	68.60	69.39	48.33	64.31	61.77	73.91	73.1

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6043-225				Assays								Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.11	1.00	2.40	0.12	1.18	20.04	19.75	0.11	0.09	0.18	0.13	0.14	0.07	0.0
+150 M	0.17	1.00	2.40	0.12	1.18	20.04	19.75	0.17	0.14	0.27	0.20	0.21	0.11	0.1
+200 M	0.29	1.00	2.40	0.12	1.18	20.04	19.75	0.29	0.24	0.46	0.35	0.36	0.19	0.2
+270 M	0.42	1.00	2.40	0.12	1.18	20.04	19.75	0.42	0.35	0.67	0.50	0.52	0.27	0.2
+400 M	2.05	0.74	1.98	0.12	1.38	22.68	20.82	2.05	1.26	2.71	2.45	2.97	1.49	1.5
-400 M	96.96	1.22	1.46	0.10	0.94	31.50	28.71	96.96	97.92	95.71	96.37	95.80	97.87	97.81
+#1 Conc	2.04	0.94	1.38	0.18	0.90	38.16	37.33	2.04	1.59	1.88	3.65	1.93	2.49	2.6
+#2 C	2.92	0.58	1.26	0.14	0.72	34.78	34.82	2.92	1.40	2.45	4.06	2.21	3.25	3.5
+#3 C	9.27	0.44	0.67	0.08	0.48	26.66	25.49	9.27	3.38	4.14	7.37	4.68	7.92	8.3
+#4 C	16.44	0.42	0.62	0.10	0.46	31.54	27.72	16.44	5.72	6.80	16.34	7.95	16.62	16.01
+#5 C	12.51	0.48	0.66	0.08	0.44	32.08	28.10	12.51	4.97	5.67	9.95	5.79	12.86	12.35
-#5 C	53.78	1.82	2.08	0.10	1.30	31.76	29.05	53.78	80.87	74.76	55.00	73.25	54.73	54.90
Head (Asy)		1.22	1.33	0.12	1.00	30.54	27.35							
Head (Calc)	100.00	1.21	1.50	0.10	0.95	31.21	28.46	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

				Assays								Distribution		
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.11	1.00	2.40	0.12	1.18	20.04	19.75	0.11	0.09	0.18	0.13	0.14	0.07	0.0
1 to 2	0.28	1.00	2.40	0.12	1.18	20.04	19.75	0.28	0.23	0.45	0.33	0.35	0.18	0.1
1 to 3	0.57	1.00	2.40	0.12	1.18	20.04	19.75	0.57	0.47	0.91	0.68	0.71	0.37	0.40
1 to 4	0.99	1.00	2.40	0.12	1.18	20.04	19.75	0.99	0.82	1.58	1.18	1.23	0.64	0.6
1 to 5	3.04	0.82	2.12	0.12	1.31	21.82	20.47	3.04	2.08	4.29	3.63	4.20	2.13	2.1
6 to 6	2.04	0.94	1.38	0.18	0.90	38.16	37.33	2.04	1.59	1.88	3.65	1.93	2.49	2.6
6 to 7	4.96	0.73	1.31	0.16	0.79	36.17	35.85	4.96	2.99	4.33	7.71	4.14	5.75	6.2
6 to 8	14.23	0.54	0.89	0.11	0.59	29.97	29.10	14.23	6.37	8.47	15.08	8.82	13.67	14.55
6 to 9	30.67	0.48	0.75	0.10	0.52	30.81	28.36	30.67	12.08	15.27	31.42	16.77	30.28	30.56
6 to 10	43.18	0.48	0.72	0.10	0.50	31.18	28.29	43.18	17.05	20.95	41.37	22.55	43.15	42.92
6 to 11	96.96	1.22	1.46	0.10	0.94	31.50	28.71	96.96	97.92	95.71	96.37	95.80	97.87	97.81

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Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
				Assays							Distribution			
+100 M	1.48	0.40	0.72	0.06	0.52	6.52	2.96	1.48	0.70	0.46	0.62	0.69	0.28	0.13
+150 M	2.29	0.62	1.50	0.08	0.74	9.00	4.81	2.29	1.67	1.49	1.27	1.52	0.59	0.32
+200 M	5.96	0.94	3.78	0.14	1.24	15.06	13.31	5.96	6.61	9.80	5.78	6.62	2.57	2.31
+270 M	7.58	1.18	5.50	0.20	1.56	27.36	26.99	7.58	10.55	18.14	10.51	10.59	5.94	5.96
+400 M	23.49	0.94	3.38	0.20	1.36	35.78	35.49	23.49	26.03	34.55	32.57	28.62	24.08	24.30
-400 M	59.20	0.78	1.38	0.12	0.98	39.22	38.82	59.20	54.44	35.55	49.25	51.97	66.53	66.98
+#1 Conc	18.90	0.60	1.72	0.18	1.08	45.80	46.95	18.90	13.37	14.15	23.59	18.28	24.80	25.86
+#2 C	14.95	0.52	1.16	0.10	0.84	38.14	39.55	14.95	9.17	7.55	10.36	11.25	16.34	17.23
+#3 C	12.01	0.48	0.80	0.10	0.68	37.40	38.44	12.01	6.80	4.18	8.33	7.32	12.87	13.46
+#4 C	5.45	0.54	0.58	0.10	0.66	36.50	36.97	5.45	3.47	1.38	3.78	3.22	5.70	5.87
+#5 C	1.78	0.72	0.66	0.08	0.62	34.52	32.16	1.78	1.51	0.51	0.99	0.99	1.76	1.67
-#5 C	6.11	2.79	2.93	0.05	1.99	28.88	16.22	6.11	20.13	7.79	2.21	10.91	5.06	2.89
Head (Asy)		0.88	2.28	0.14	1.08	34.86	35.49							
Head (Calc)	100.00	0.85	2.20	0.14	1.12	34.90	34.31	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
				Assays							Distribution			
1 to 1	1.48	0.40	0.72	0.06	0.52	6.52	2.96	1.48	0.70	0.46	0.62	0.69	0.28	0.13
1 to 2	3.77	0.53	1.19	0.07	0.65	8.03	4.08	3.77	2.37	1.96	1.89	2.21	0.87	0.45
1 to 3	9.73	0.78	2.78	0.11	1.01	12.33	9.74	9.73	8.98	11.76	7.67	8.83	3.44	2.76
1 to 4	17.31	0.96	3.97	0.15	1.25	18.91	17.29	17.31	19.52	29.90	18.18	19.42	9.38	8.72
1 to 5	40.80	0.95	3.63	0.16	1.31	28.62	27.77	40.80	45.56	64.45	50.75	48.03	33.47	33.02
6 to 6	18.90	0.60	1.72	0.18	1.08	45.80	46.95	18.90	13.37	14.15	23.59	18.28	24.80	25.86
6 to 7	33.85	0.56	1.47	0.14	0.97	42.42	43.68	33.85	22.54	21.69	33.95	29.53	41.14	43.09
6 to 8	45.86	0.54	1.30	0.13	0.90	41.10	42.31	45.86	29.33	25.87	42.28	36.85	54.02	56.55
6 to 9	51.31	0.54	1.22	0.13	0.87	40.61	41.74	51.31	32.80	27.25	46.05	40.07	59.72	62.42
6 to 10	53.09	0.55	1.20	0.13	0.86	40.41	41.42	53.09	34.31	27.76	47.04	41.06	61.48	64.09
6 to 11	59.20	0.78	1.38	0.12	0.98	39.22	38.82	59.20	54.44	35.55	49.25	51.97	66.53	66.98

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6043-227				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.43	0.44	0.72	0.08	0.56	7.30	3.33	1.43	0.65	0.53	0.94	0.75	0.31	0.15
+150 M	1.90	0.64	1.58	0.08	0.76	9.30	4.99	1.90	1.25	1.54	1.26	1.35	0.53	0.29
+200 M	4.84	0.98	4.08	0.14	1.26	15.56	13.68	4.84	4.87	10.11	5.60	5.68	2.25	2.05
+270 M	5.80	1.18	5.34	0.20	1.62	27.40	27.35	5.80	7.03	15.85	9.56	8.75	4.75	4.92
+400 M	17.50	0.96	3.10	0.18	1.36	35.10	35.86	17.50	17.25	27.77	26.02	22.18	18.36	19.47
-400 M	68.53	0.98	1.26	0.10	0.96	36.02	34.38	68.53	68.96	44.20	56.60	61.30	73.79	73.11
+#1 Conc	13.85	0.58	1.59	0.16	1.04	45.70	46.58	13.85	8.25	11.20	18.30	13.42	18.92	20.02
+#2 C	10.61	0.46	1.22	0.14	0.82	38.32	38.82	10.61	5.01	6.63	12.27	8.11	12.15	12.78
+#3 C	8.81	0.40	0.62	0.10	0.62	35.00	32.53	8.81	3.62	2.80	7.28	5.09	9.22	8.89
+#4 C	8.65	0.42	0.40	0.10	0.54	32.04	30.49	8.65	3.73	1.77	7.14	4.35	8.29	8.18
+#5 C	4.69	0.50	0.42	0.10	0.48	30.48	27.84	4.69	2.41	1.01	3.87	2.10	4.27	4.05
-#6 C	21.92	2.04	1.85	0.04	1.38	31.96	28.20	21.92	45.94	20.80	7.74	28.23	20.94	19.18
Head (Asv)		1.00	1.94	0.14	1.10	33.00	33.07							
Head (Calc)	100.00	0.97	1.95	0.12	1.07	33.45	32.23	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.43	0.44	0.72	0.08	0.56	7.30	3.33	1.43	0.65	0.53	0.94	0.75	0.31	0.15
1 to 2	3.33	0.55	1.21	0.08	0.67	8.44	4.28	3.33	1.89	2.06	2.20	2.09	0.84	0.44
1 to 3	8.17	0.81	2.91	0.12	1.02	12.66	9.85	8.17	6.76	12.17	7.80	7.77	3.09	2.50
1 to 4	13.97	0.96	3.92	0.15	1.27	18.78	17.11	13.97	13.79	28.03	17.38	16.53	7.84	7.42
1 to 5	31.47	0.96	3.46	0.17	1.32	27.85	27.54	31.47	31.04	55.80	43.40	38.70	26.21	26.89
6 to 6	13.85	0.58	1.58	0.16	1.04	45.70	46.58	13.85	8.25	11.20	18.30	13.42	18.92	20.02
6 to 7	24.46	0.53	1.42	0.15	0.94	42.50	43.21	24.46	13.26	17.83	30.57	21.53	31.08	32.80
6 to 8	33.27	0.49	1.21	0.14	0.86	40.51	40.38	33.27	16.88	20.62	37.85	26.62	40.29	41.69
6 to 9	41.92	0.48	1.04	0.13	0.79	38.76	38.34	41.92	20.61	22.40	44.99	30.97	48.58	49.88
6 to 10	46.61	0.49	0.98	0.13	0.76	37.93	37.29	46.61	23.02	23.40	48.87	33.07	52.85	53.93
6 to 11	68.53	0.98	1.26	0.10	0.96	36.02	34.38	68.53	68.96	44.20	56.60	61.30	73.79	73.11

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6043-228		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.27	0.38	0.66	0.06	0.48	5.42	2.48	1.27	0.57	0.42	0.57	0.55	0.19	0.09
+150 M	2.23	0.60	1.42	0.04	0.72	7.26	4.78	2.23	1.59	1.58	0.66	1.46	0.46	0.29
+200 M	5.48	0.92	3.66	0.12	1.14	14.26	12.74	5.48	5.98	9.99	4.88	5.68	2.21	1.92
+270 M	8.14	1.18	4.84	0.20	1.58	26.46	27.60	8.14	11.39	19.62	12.07	11.68	6.08	6.18
+400 M	27.16	0.94	2.84	0.16	1.38	35.38	38.92	27.16	30.27	38.42	32.23	34.05	27.14	29.10
-400 M	55.72	0.76	1.08	0.12	0.92	40.62	40.69	55.72	50.21	29.97	49.59	46.57	63.92	62.41
+#1 Conc	14.24	0.64	1.28	0.16	1.06	48.80	48.47	14.24	10.81	9.08	16.90	13.71	19.63	19.00
+#2 C	14.47	0.50	1.14	0.12	0.84	41.34	41.92	14.47	8.58	8.22	12.88	11.04	16.89	16.70
+#3 C	12.88	0.36	0.78	0.14	0.66	37.64	37.68	12.88	5.50	5.00	13.37	7.72	13.69	13.36
+#4 C	5.99	0.40	0.66	0.10	0.56	37.18	33.79	5.99	2.84	1.97	4.44	3.05	6.29	5.57
+#5 C	1.92	0.48	0.56	0.10	0.54	33.50	29.01	1.92	1.09	0.54	1.42	0.94	1.82	1.53
-#5 C	6.22	2.90	1.67	0.01	1.79	31.90	36.50	6.22	21.39	5.17	0.57	10.10	5.60	6.25
Head (Asy)		0.82	2.00	0.10	1.10	35.72	36.01							
Head (Calc)	100.00	0.84	2.01	0.13	1.10	35.41	36.33	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	oot Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.27	0.38	0.66	0.06	0.48	5.42	2.48	1.27	0.57	0.42	0.57	0.55	0.19	0.09
1 to 2	3.50	0.52	1.14	0.05	0.63	6.59	3.95	3.50	2.16	1.99	1.23	2.01	0.65	0.38
1 to 3	8.98	0.76	2.68	0.09	0.94	11.27	9.31	8.98	8.14	11.98	6.10	7.69	2.86	2.30
1 to 4	17.12	0.96	3.71	0.14	1.25	18.49	18.01	17.12	19.52	31.61	18.18	19.37	8.94	8.45
1 to 5	44.28	0.95	3.16	0.15	1.33	28.85	30.83	44.28	49.79	70.03	50.41	53.43	36.08	37.59
6 to 6	14.24	0.64	1.28	0.16	1.06	48.80	48.47	14.24	10.81	9.08	16.90	13.71	19.63	19.00
6 to 7	28.71	0.57	1.21	0.14	0.95	45.04	45.17	28.71	19.38	17.29	29.78	24.76	36.52	35.70
6 to 8	41.59	0.50	1.08	0.14	0.86	42.75	42.85	41.59	24.88	22.30	43.15	32.48	50.21	49.06
6 to 9	47.58	0.49	1.02	0.13	0.82	42.05	41.71	47.58	27.72	24.27	47.59	35.53	56.50	54.63
6 to 10	49.50	0.49	1.01	0.13	0.81	41.72	41.22	49.50	28.81	24.80	49.02	36.47	58.32	56.16
6 to 11	55.72	0.76	1.08	0.12	0.92	40.62	40.69	55.72	50.21	29.97	49.59	46.57	63.92	62.41

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6043-229		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.04	1.10	2.66	0.16	1.40	21.26	20.25	0.04	0.04	0.08	0.04	0.06	0.03	0.0
+150 M	0.11	1.10	2.66	0.16	1.40	21.26	20.25	0.11	0.10	0.22	0.11	0.16	0.08	0.0
+200 M	0.30	1.10	2.66	0.16	1.40	21.26	20.25	0.30	0.27	0.61	0.30	0.42	0.22	0.21
+270 M	0.59	1.10	2.66	0.16	1.40	21.26	20.25	0.59	0.53	1.20	0.59	0.83	0.43	0.4
+400 M	1.70	0.92	1.96	0.18	1.52	25.80	25.31	1.70	1.29	2.55	1.91	2.60	1.51	1.5
-400 M	97.26	1.22	1.28	0.16	0.98	29.18	28.92	97.26	97.77	95.33	97.05	95.93	97.73	97.77
+#1 Conc	1.92	0.72	1.34	0.26	0.94	36.70	21.70	1.92	1.14	1.97	3.11	1.82	2.43	1.4
+#2 C	2.77	0.44	0.86	0.20	0.70	29.28	32.90	2.77	1.00	1.62	3.46	1.95	2.79	3.1
+#3 C	8.67	0.34	0.48	0.14	0.56	25.02	24.23	8.67	2.43	3.19	7.57	4.89	7.47	7.3
+#4 C	16.19	0.36	0.44	0.12	0.44	28.76	27.12	16.19	4.80	5.45	12.12	7.17	16.03	15.26
+#5 C	12.74	0.42	0.48	0.12	0.42	29.98	28.92	12.74	4.41	4.68	9.53	5.39	13.15	12.81
-#5 C	54.97	1.85	1.86	0.18	1.35	29.31	30.24	54.97	83.99	78.21	61.26	74.72	55.85	57.76
Head (Asy)		1.18	1.20	0.14	0.92	28.44	28.20							
Head (Calc)	100.00	1.21	1.31	0.16	0.99	29.04	28.77	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.04	1.10	2.66	0.16	1.40	21.26	20.25	0.04	0.04	0.08	0.04	0.06	0.03	0.0
1 to 2	0.15	1.10	2.66	0.16	1.40	21.26	20.25	0.15	0.14	0.31	0.15	0.21	0.11	0.11
1 to 3	0.45	1.10	2.66	0.16	1.40	21.26	20.25	0.45	0.41	0.92	0.45	0.63	0.33	0.3
1 to 4	1.04	1.10	2.66	0.16	1.40	21.26	20.25	1.04	0.94	2.12	1.04	1.47	0.76	0.7
1 to 5	2.74	0.99	2.23	0.17	1.47	24.08	23.39	2.74	2.23	4.67	2.95	4.07	2.27	2.2
6 to 6	1.92	0.72	1.34	0.26	0.94	36.70	21.70	1.92	1.14	1.97	3.11	1.82	2.43	1.4
6 to 7	4.69	0.55	1.06	0.22	0.80	32.32	28.31	4.69	2.14	3.79	6.57	3.77	5.22	4.6
6 to 8	13.36	0.42	0.68	0.17	0.64	27.58	25.66	13.36	4.57	6.98	14.14	8.65	12.69	11.92
6 to 9	29.55	0.39	0.55	0.14	0.53	28.23	26.46	29.55	9.37	12.44	26.26	15.82	28.72	27.18
6 to 10	42.29	0.40	0.53	0.14	0.50	28.76	27.20	42.29	13.78	17.12	35.79	21.21	41.88	39.99
6 to 11	97.26	1.22	1.28	0.16	0.98	29.18	28.92	97.26	97.77	95.33	97.05	95.93	97.73	97.77

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		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.57	0.46	1.22	0.10	0.64	11.88	8.68	3.57	2.61	3.00	2.53	2.56	1.07	0.80
+150 M	4.68	0.54	1.84	0.12	0.76	14.94	9.04	4.68	4.01	5.93	3.98	3.99	1.77	1.09
+200 M	9.18	0.76	2.62	0.16	1.02	23.22	20.61	9.18	11.07	16.57	10.41	10.51	5.40	4.86
+270 M	11.04	0.76	2.48	0.18	1.12	36.02	35.43	11.04	13.31	18.87	14.09	13.88	10.07	10.09
+400 M	28.65	0.62	1.56	0.16	0.98	45.44	43.75	28.65	28.18	30.80	32.50	31.51	32.97	32.34
-400 M	42.88	0.60	0.84	0.12	0.78	44.86	45.92	42.88	40.82	24.82	36.48	37.54	48.72	50.80
+#1 Conc	19.04	0.46	0.86	0.14	0.82	49.98	49.89	19.04	13.90	11.28	18.90	17.52	24.10	24.51
+#2 C	10.69	0.40	0.78	0.12	0.68	46.40	45.92	10.69	6.78	5.75	9.10	8.16	12.56	12.66
+#3 C	6.07	0.40	0.54	0.12	0.58	38.34	38.86	6.07	3.85	2.26	5.16	3.95	5.89	6.09
+#4 C	2.78	0.48	0.56	0.12	0.56	35.40	32.54	2.78	2.12	1.07	2.37	1.75	2.49	2.33
+#5 C	0.90	0.68	0.68	0.16	0.56	32.96	27.48	0.90	0.97	0.42	1.02	0.57	0.75	0.64
-#5 C	3.40	2.45	1.72	0.00	1.47	33.87	52.11	3.40	13.20	4.04	-0.06	5.59	2.92	4.57
Head (Asy)		0.68	1.48	0.14	0.90	37.94	37.24							
Head (Calc)	100.00	0.63	1.45	0.14	0.89	39.49	38.76	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.57	0.46	1.22	0.10	0.64	11.88	8.68	3.57	2.61	3.00	2.53	2.56	1.07	0.80
1 to 2	8.25	0.51	1.57	0.11	0.71	13.62	8.88	8.25	6.62	8.94	6.51	6.56	2.84	1.89
1 to 3	17.43	0.64	2.12	0.14	0.87	18.67	15.06	17.43	17.68	25.51	16.93	17.07	8.24	6.77
1 to 4	28.47	0.69	2.26	0.15	0.97	25.40	22.96	28.47	31.00	44.38	31.02	30.95	18.31	16.86
1 to 5	57.12	0.65	1.91	0.16	0.97	35.45	33.39	57.12	59.13	75.18	63.52	62.46	51.28	49.20
6 to 6	19.04	0.46	0.86	0.14	0.82	49.98	49.89	19.04	13.90	11.28	18.90	17.52	24.10	24.51
6 to 7	29.73	0.44	0.83	0.13	0.77	48.69	48.46	29.73	20.68	17.03	27.99	25.68	36.66	37.17
6 to 8	35.80	0.43	0.78	0.13	0.74	46.94	46.83	35.80	24.53	19.29	33.16	29.63	42.56	43.26
6 to 9	38.58	0.44	0.77	0.13	0.72	46.11	45.80	38.58	26.65	20.36	35.52	31.38	45.05	45.59
6 to 10	39.48	0.44	0.76	0.13	0.72	45.81	45.39	39.48	27.62	20.78	36.55	31.95	45.80	46.23
6 to 11	42.88	0.60	0.84	0.12	0.78	44.86	45.92	42.88	40.82	24.82	36.48	37.54	48.72	50.80

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6043-231				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.36	0.44	0.76	0.12	0.64	10.04	5.43	0.36	0.19	0.26	0.36	0.34	0.11	0.07
+150 M	0.95	0.38	0.86	0.08	0.50	8.52	4.89	0.95	0.43	0.78	0.64	0.70	0.25	0.1
+200 M	2.69	0.38	0.96	0.10	0.58	9.20	4.62	2.69	1.23	2.48	2.26	2.30	0.77	0.4
+270 M	3.08	0.48	1.50	0.12	0.70	14.04	10.17	3.08	1.78	4.43	3.10	3.17	1.34	1.0
+400 M	9.10	0.52	1.34	0.12	0.72	23.58	21.44	9.10	5.69	11.69	9.17	9.64	6.65	6.5
-400 M	83.82	0.90	1.00	0.12	0.68	35.00	32.64	83.82	90.68	80.36	84.47	83.86	90.88	91.77
+#1 Ccne	8.87	0.48	1.00	0.14	0.74	43.80	47.61	8.87	5.12	8.50	10.43	9.66	12.04	14.16
+#2 C	10.77	0.36	0.78	0.12	0.50	37.60	40.32	10.77	4.66	8.05	10.85	7.92	12.55	14.57
+#3 C	13.71	0.32	0.56	0.12	0.48	34.70	31.10	13.71	5.27	7.36	13.62	9.68	14.74	14.30
+#4 C	12.23	0.36	0.50	0.10	0.40	33.26	29.95	12.23	5.29	5.86	10.27	7.20	12.60	12.29
+#5 C	7.30	0.80	0.58	0.10	0.36	31.40	28.03	7.30	7.02	4.06	6.13	3.87	7.10	6.8
-#5 C	30.94	1.70	1.57	0.13	1.00	33.24	28.51	30.94	63.32	46.52	32.97	45.53	31.86	29.59
Head (Asy)		0.40	1.38	0.12	0.62	31.55	29.95							
Head (Calc)	100.00	0.83	1.04	0.12	0.68	32.28	29.81	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.36	0.44	0.76	0.12	0.64	10.04	5.43	0.36	0.19	0.26	0.36	0.34	0.11	0.07
1 to 2	1.31	0.40	0.83	0.09	0.54	8.94	5.04	1.31	0.62	1.05	1.00	1.04	0.36	0.2
1 to 3	4.00	0.39	0.92	0.10	0.57	9.11	4.76	4.00	1.85	3.52	3.26	3.33	1.13	0.64
1 to 4	7.08	0.43	1.17	0.11	0.62	11.26	7.11	7.08	3.63	7.95	6.36	6.51	2.47	1.6
1 to 5	16.18	0.48	1.27	0.11	0.68	18.19	15.17	16.18	9.32	19.64	15.53	16.14	9.12	8.2
6 to 6	8.87	0.48	1.00	0.14	0.74	43.80	47.61	8.87	5.12	8.50	10.43	9.66	12.04	14.16
6 to 7	19.64	0.41	0.88	0.13	0.61	40.40	43.61	19.64	9.78	16.56	21.28	17.58	24.58	28.73
6 to 8	33.35	0.38	0.75	0.13	0.56	38.06	38.47	33.35	15.05	23.92	35.10	27.26	39.32	43.03
6 to 9	45.58	0.37	0.68	0.12	0.51	36.77	36.18	45.58	20.34	29.78	45.37	34.46	51.92	55.32
6 to 10	52.88	0.43	0.67	0.12	0.49	36.03	35.06	52.88	27.36	33.84	51.50	38.32	59.02	62.18
6 to 11	83.82	0.90	1.00	0.12	0.68	35.00	32.64	83.82	90.68	80.36	84.47	83.86	90.88	91.77

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				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.18	0.46	1.19	0.08	0.68	10.20	3.84	1.18	0.70	1.28	0.79	1.07	0.36	0.15
+150 M	1.99	0.54	1.52	0.10	0.70	13.02	5.76	1.99	1.39	2.88	1.66	1.86	0.78	0.37
+200 M	4.88	0.72	2.28	0.12	0.84	18.00	14.21	4.88	4.55	10.19	4.87	5.47	2.64	2.22
+270 M	5.32	0.72	2.32	0.14	0.98	26.08	25.34	5.32	4.96	11.31	6.20	6.96	4.18	4.32
+400 M	15.21	0.64	1.58	0.12	0.38	33.80	32.25	15.21	12.60	22.01	15.19	17.87	15.47	15.70
-400 M	71.42	0.82	0.80	0.12	0.70	35.62	33.79	71.42	75.80	52.34	71.30	66.76	76.57	77.25
+#1 Conc	13.11	0.48	1.02	0.14	0.80	46.04	48.95	13.11	8.14	12.25	15.27	14.01	18.17	20.54
+#2 C	11.14	0.38	0.74	0.12	0.64	38.82	30.67	11.14	5.48	7.55	11.12	9.52	13.02	10.94
+#3 C	11.35	0.32	0.62	0.10	0.50	34.90	32.25	11.35	4.70	6.45	9.44	7.58	11.92	11.72
+#4 C	9.00	0.34	0.56	0.10	0.44	32.40	28.03	9.00	3.96	4.62	7.49	5.29	8.78	8.08
+#5 C	5.17	0.42	0.56	0.10	0.42	30.20	25.34	5.17	2.81	2.65	4.30	2.90	4.70	4.19
-#5 C	21.65	1.81	0.95	0.13	0.95	30.67	31.44	21.65	50.71	18.82	23.68	27.47	19.99	21.79
Head (Asy)		0.78	1.20	0.12	0.74	33.08	33.10							
Head (Calc)	100.00	0.77	1.09	0.12	0.75	33.23	31.24	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.18	0.46	1.18	0.08	0.68	10.20	3.84	1.18	0.70	1.28	0.79	1.07	0.36	0.15
1 to 2	3.17	0.51	1.43	0.09	0.69	11.97	5.05	3.17	2.09	4.16	2.44	2.93	1.14	0.51
1 to 3	8.05	0.64	1.95	0.11	0.78	15.63	10.60	8.05	6.64	14.35	7.31	8.41	3.79	2.73
1 to 4	13.37	0.67	2.09	0.12	0.86	19.79	16.47	13.37	11.60	25.65	13.51	15.37	7.96	7.05
1 to 5	28.58	0.65	1.32	0.12	0.67	27.24	24.87	28.58	24.20	47.66	28.70	33.24	23.43	22.75
6 to 6	13.11	0.48	1.02	0.14	0.80	46.04	48.95	13.11	8.14	12.25	15.27	14.01	18.17	20.54
6 to 7	24.25	0.43	0.89	0.13	0.73	42.72	40.55	24.25	13.62	19.80	26.39	23.53	31.18	31.48
6 to 8	35.60	0.40	0.80	0.12	0.65	40.23	37.91	35.60	18.33	26.25	35.84	31.10	43.10	43.20
6 to 9	44.60	0.39	0.76	0.12	0.61	38.65	35.91	44.60	22.29	30.86	43.32	36.39	51.88	51.27
6 to 10	49.77	0.39	0.74	0.12	0.59	37.77	34.81	49.77	25.10	33.51	47.62	39.29	56.58	55.47
6 to 11	71.42	0.82	0.80	0.12	0.70	35.62	33.79	71.42	75.80	52.34	71.30	66.76	76.57	77.25

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6043-233				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	0.26	0.36	0.90	0.05	0.60	6.40	3.96	0.26	0.10	0.13	0.11	0.21	0.05	0.03
+150 M	0.74	0.40	1.14	0.06	0.46	6.48	3.96	0.74	0.33	0.48	0.37	0.46	0.16	0.10
+200 M	2.31	0.48	1.42	0.08	0.48	7.72	4.63	2.31	1.23	1.87	1.56	1.49	0.58	0.35
+270 M	2.79	0.50	2.16	0.12	0.66	11.90	10.34	2.79	1.54	3.44	2.83	2.47	1.08	0.95
+400 M	8.55	0.44	2.12	0.12	0.72	22.10	19.78	8.55	4.17	10.34	8.66	8.27	6.15	5.56
-400 M	85.35	0.98	1.72	0.12	0.76	33.10	33.14	85.35	92.63	83.74	86.47	87.11	91.98	93.01
+#1 Conc	8.56	0.42	1.58	0.16	0.80	44.60	48.11	8.56	3.98	7.71	11.56	9.20	12.43	13.54
+#2 C	10.93	0.20	1.18	0.14	0.60	36.50	38.70	10.93	2.42	7.36	12.92	8.81	12.99	13.91
+#3 C	14.15	0.22	0.58	0.12	0.48	33.42	33.50	14.15	3.45	4.68	14.34	9.12	15.40	15.59
+#4 C	12.45	0.18	0.62	0.10	0.42	32.38	31.01	12.45	2.48	4.40	10.51	7.02	13.12	12.70
+#5 C	7.40	0.22	0.60	0.10	0.38	31.94	28.87	7.40	1.80	2.53	6.25	3.78	7.70	7.02
-#5 C	31.86	2.22	3.14	0.11	1.15	29.25	28.87	31.86	78.50	57.05	30.89	49.18	30.34	30.25
Head (Asy)		0.36	1.06	0.12	0.72	31.30	30.65							
Head (Calc)	100.00	0.90	1.75	0.12	0.74	30.72	30.41	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

				Assays							Distribution			
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	0.26	0.36	0.90	0.05	0.60	6.40	3.96	0.26	0.10	0.13	0.11	0.21	0.05	0.03
1 to 2	1.00	0.39	1.08	0.06	0.50	6.46	3.96	1.00	0.43	0.61	0.48	0.67	0.21	0.13
1 to 3	3.31	0.45	1.32	0.07	0.48	7.34	4.43	3.31	1.66	2.49	2.04	2.16	0.79	0.48
1 to 4	6.10	0.47	1.70	0.09	0.57	9.43	7.13	6.10	3.20	5.92	4.87	4.63	1.87	1.43
1 to 5	14.65	0.45	1.95	0.11	0.66	16.82	14.51	14.65	7.37	16.26	13.53	12.89	8.02	6.99
6 to 6	8.56	0.42	1.58	0.16	0.80	44.60	48.11	8.56	3.98	7.71	11.56	9.20	12.43	13.54
6 to 7	19.49	0.30	1.36	0.15	0.69	40.06	42.83	19.49	6.40	15.07	24.48	18.00	25.42	27.45
6 to 8	33.64	0.26	1.03	0.14	0.60	37.27	38.91	33.64	9.85	19.75	38.82	27.12	40.81	43.04
6 to 9	46.09	0.24	0.92	0.13	0.55	35.95	36.77	46.09	12.33	24.16	49.33	34.14	53.94	55.73
6 to 10	53.49	0.24	0.87	0.12	0.53	35.39	35.68	53.49	14.13	26.69	55.57	37.92	61.63	62.76
6 to 11	85.35	0.98	1.72	0.12	0.76	33.10	33.14	85.35	92.63	83.74	86.47	87.11	91.98	93.01

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6043-234		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	1.02	0.40	0.92	0.10	0.58	8.38	5.35	1.02	0.52	0.65	0.70	0.76	0.24	0.15
+150 M	1.61	0.50	1.30	0.12	0.64	10.34	8.20	1.61	1.03	1.45	1.33	1.32	0.48	0.37
+200 M	5.22	0.74	2.46	0.16	0.86	18.40	17.82	5.22	4.96	8.87	5.74	5.73	2.75	2.61
+270 M	5.34	0.46	2.80	0.18	0.98	26.74	27.80	5.34	3.15	10.33	6.61	6.68	4.09	4.16
+400 M	15.17	0.58	1.84	0.16	0.92	34.08	34.21	15.17	11.29	19.29	16.68	17.82	14.81	14.55
-400 M	71.64	0.86	1.20	0.14	0.74	37.84	38.92	71.64	79.05	59.41	68.94	67.69	77.63	78.16
+#1 Conc	13.85	0.38	1.18	0.16	0.82	46.22	49.53	13.85	6.75	11.29	15.23	14.50	18.33	19.23
+#2 C	17.74	0.34	1.00	0.12	0.68	41.42	43.47	17.74	7.74	12.26	14.63	15.40	21.04	21.62
+#3 C	9.65	0.33	0.86	0.12	0.58	38.16	38.13	9.65	4.70	5.74	7.96	7.15	10.55	10.31
+#4 C	4.43	0.46	0.76	0.10	0.54	34.84	32.07	4.43	2.61	2.33	3.05	3.05	4.42	3.96
+#5 C	1.62	0.60	0.92	0.12	0.56	32.84	29.04	1.62	1.25	1.03	1.34	1.16	1.52	1.32
-#5 C	24.35	1.79	1.59	0.16	0.65	31.22	31.79	24.35	55.99	26.76	26.73	26.43	21.77	21.70
Head (Asy)		0.72	1.54	0.14	0.80	32.62	32.07							
Head (Calc)	100.00	0.78	1.45	0.15	0.78	34.92	35.67	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

		Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	1.02	0.40	0.92	0.10	0.58	8.38	5.35	1.02	0.52	0.65	0.70	0.76	0.24	0.15
1 to 2	2.63	0.46	1.15	0.11	0.62	9.58	7.09	2.63	1.56	2.09	2.03	2.07	0.72	0.52
1 to 3	7.85	0.65	2.02	0.14	0.78	15.44	14.23	7.85	6.51	10.97	7.77	7.80	3.47	3.13
1 to 4	13.19	0.57	2.34	0.16	0.86	20.02	19.72	13.19	9.66	21.30	14.38	14.49	7.56	7.25
1 to 5	28.36	0.58	2.07	0.16	0.39	27.54	27.47	28.36	20.95	40.59	31.06	32.31	22.37	21.84
6 to 6	13.85	0.38	1.18	0.16	0.82	46.22	49.53	13.85	6.75	11.29	15.23	14.50	18.33	19.23
6 to 7	31.59	0.36	1.08	0.14	0.74	43.52	46.13	31.59	14.49	23.55	29.86	29.91	39.38	40.85
6 to 8	41.24	0.36	1.03	0.13	0.70	42.27	44.26	41.24	19.20	29.29	37.82	37.05	49.92	51.16
6 to 9	45.67	0.37	1.00	0.13	0.69	41.55	43.07	45.67	21.81	31.62	40.87	40.11	54.34	55.14
6 to 10	47.29	0.38	1.00	0.13	0.68	41.25	42.59	47.29	23.06	32.65	42.21	41.27	55.86	56.46
6 to 11	71.64	0.86	1.20	0.14	0.74	37.84	38.92	71.64	79.05	59.41	68.94	67.69	77.63	78.16

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6043-235			Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
+100 M	3.17	0.48	1.42	0.10	0.62	11.94	9.63	3.17	2.17	2.21	2.19	2.15	1.04	0.82
+150 M	4.20	0.50	1.98	0.14	0.80	12.60	10.69	4.20	2.99	4.07	4.07	3.68	1.45	1.20
+200 M	8.94	0.74	3.74	0.20	1.06	21.82	22.45	8.94	9.43	16.38	12.37	10.37	5.35	5.37
+270 M	11.46	0.74	3.78	0.22	1.14	33.04	36.35	11.46	12.09	21.22	17.44	14.29	10.39	11.14
+400 M	28.78	0.70	2.32	0.14	1.00	39.92	42.41	28.78	28.72	32.71	27.87	31.49	31.52	32.63
-400 M	43.45	0.72	1.10	0.12	0.80	42.16	42.05	43.45	44.60	23.41	36.06	38.03	50.25	48.85
+#1 Conc	7.87	0.54	1.26	0.16	0.76	45.84	46.32	7.87	6.06	4.86	8.71	6.54	9.90	9.75
+#2 C	6.45	0.46	1.18	0.10	0.60	37.34	39.91	6.45	4.23	3.73	4.46	4.23	6.61	6.88
+#3 C	6.70	0.44	0.78	0.12	0.48	34.16	33.85	6.70	4.20	2.56	5.56	3.52	6.28	6.06
+#4 C	5.43	0.48	0.66	0.10	0.42	32.60	30.65	5.43	3.72	1.76	3.76	2.50	4.86	4.45
+#5 C	2.95	0.54	0.72	0.10	0.38	31.50	30.29	2.95	2.27	1.04	2.04	1.23	2.55	2.39
-#5 C	14.05	1.20	1.38	0.12	1.30	52.06	51.43	14.05	24.12	9.47	11.54	20.01	20.07	19.32
Head (Asy)		0.78	2.00	0.18	0.94	37.03	36.53							
Head (Calc)	100.00	0.70	2.04	0.14	0.91	36.45	37.40	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Absolute Cumulative Report

			Assays						Distribution						
Product	Wt (g)	% Pb	% Zn	% Cu	opt Ag	% Fe	% S	Wt %	% Pb	% Zn	% Cu	% Ag	% Fe	% S
1 to 1	3.17	0.48	1.42	0.10	0.62	11.94	9.63	3.17	2.17	2.21	2.19	2.15	1.04	0.82
1 to 2	7.37	0.49	1.74	0.12	0.72	12.32	10.23	7.37	5.16	6.28	6.26	5.83	2.49	2.02
1 to 3	16.31	0.63	2.84	0.17	0.91	17.53	16.93	16.31	14.59	22.66	18.63	16.19	7.84	7.38
1 to 4	27.77	0.67	3.23	0.19	1.00	23.93	24.94	27.77	26.68	43.88	36.07	30.49	18.23	18.52
1 to 5	56.55	0.69	2.76	0.16	1.00	32.07	33.83	56.55	55.40	76.59	63.94	61.97	49.75	51.15
6 to 6	7.87	0.54	1.26	0.16	0.76	45.84	46.32	7.87	6.06	4.86	8.71	6.54	9.90	9.75
6 to 7	14.32	0.50	1.22	0.13	0.69	42.01	43.43	14.32	10.29	8.59	13.17	10.78	16.50	16.63
6 to 8	21.02	0.48	1.08	0.13	0.62	39.51	40.38	21.02	14.49	11.15	18.73	14.30	22.78	22.69
6 to 9	26.45	0.48	1.00	0.12	0.58	38.09	38.38	26.45	18.21	12.90	22.49	16.79	27.64	27.14
6 to 10	29.40	0.49	0.97	0.12	0.56	37.43	37.57	29.40	20.48	13.94	24.53	18.02	30.19	29.53
6 to 11	43.45	0.72	1.10	0.12	0.80	42.16	42.05	43.45	44.60	23.41	36.06	38.03	50.25	48.85